

TRADE **CHICAGO** MARK
SPRING HINGES

#24



CHICAGO SPRING HINGE COMPANY
MANUFACTURERS

CHICAGO NEW YORK
U. S. A.





TRADE **(CHICAGO)** MARK
SPRING HINGES

CATALOGUE
No. 55

ORGANIZED 1871
INCORPORATED 1885

Chicago Spring Hinge Company,

MANUFACTURERS
GENERAL OFFICES & WORKS
1500 CARROLL AVE.
CHICAGO, U. S. A.

EASTERN OFFICE AND WAREHOUSE
109 LAFAYETTE STREET
NEW YORK

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SPRINGHING-CHICAGO

Type Classification Index

Catalogue No. 55

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Spring Hinges to Special Order

We will be pleased to receive inquiries regarding spring hinges not illustrated in our Catalogue or to meet special conditions.

Specifications

In specifying, to avoid mistakes or delays, always give the NUMBER and SIZE of the item required. Each item has a number and a size description indicating dimensions pertaining to application of the article, or in some cases the size of the article itself.

Refer to the catalogue and specify such information as is required.

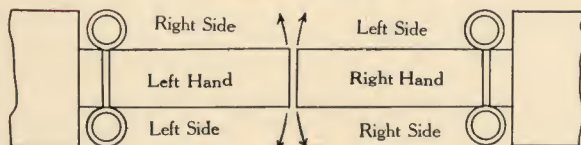
Label Color System

Green	Blue	Red
Steel or Iron Metal	Steel or Iron Metal	Brass or Bronze Metal
Japanned and Primed Finish	All Other Finishes	All Finishes

We use the above method of labeling to facilitate locating the goods in stock. The label color broadly groups the metal and class of finish

To Determine Hand of Door

Double Acting



Outside of Door

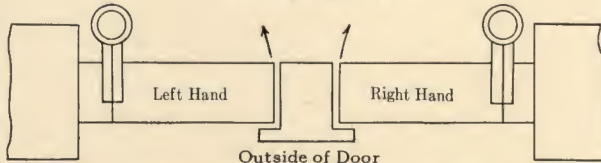
The hand of an article, applied to double acting doors is determined from the outside of the door to which it is applied. The outside of a closet door, for example, is the room side.

If, standing outside of a door, the hinges are on the right, it takes a right hand article. If on the left, it takes a left hand article.

To Specify Side of Article

To specify two finishes on the same article, stand in doorway

Single Acting



Outside of Door

facing jamb and specify finish for right and left hand sides accordingly.

The hand of an article applied to single acting doors, is determined from the outside of the door to which it is applied. The outside of a closet door, for example, is the room side.

If, standing outside of a door, the hinges are on the right, it takes a right hand article. If on the left, it takes a left hand article. (From U. S. Bureau of Standards Recommendation.)

United States Federal Specification Type Numbers With Comparative Chicago Spring Hinge Company Type Numbers

(Specify Type No. and U. S. Finish Symbol)

U. S. Type Number		Federal Specification Number	C. S. H. Co. Type Number	Federal Specification Finish
A1051		FF-H-111	1260 x 1247C	US14 Fin.
A1051A		FF-H-111	1260 x 1247C	US25 Fin.
B1051	With Surface Keeper	FF-H-111	1252K	US14 Fin.
	With Clamp Flange Door Stop and Keeper	FF-H-111	1252 x 1247C	US14 Fin.
B1051A	With Surface Keeper	FF-H-111	1252K	US25 Fin.
	With Clamp Flange Door Stop and Keeper	FF-H-111	1252 x 1247C	US25 Fin.
C1051	With Mortise Keeper	FF-H-111	1256K	US14 Fin.
	With Rim Keeper	FF-H-111	1256RK	US14 Fin.
C1051A	With Mortise Keeper	FF-H-111	1256K	US25 Fin.
	With Rim Keeper	FF-H-111	1256RK	US25 Fin.
1166A		FF-H-111	1233	US14 Fin.
1166B		FF-H-111	1233	US25 Fin.
2301		FF-H-116 A	3005	As Specified
2301A		FF-H-116 A	3055	As Specified
2302		FF-H-116 A	4005	As Specified
2302A		FF-H-116 A	4055	As Specified
2330		FF-H-116 A	2041 3 to 12 in.	US 9 Fin.
2330A		FF-H-116 A	2131 3 to 12 in.	US 9 Fin.
2331		FF-H-116 A	2042 3 to 12 in.	US 9 Fin.
2331A		FF-H-116 A	2132 3 to 12 in.	US 9 Fin.
2334		FF-H-116 A	G8041	US 9 Fin.
	With Exterior Tension Adjustment (For Doors 1 1/8 to 2 1/2 inches thick)	FF-H-116 A	4047	US 9 Fin.
2390				
	With Internal Tension Adjustment (For Doors 7/8 to 2 1/2 inches thick)	FF-H-116 A	6047	US 9 Fin.
4101		FF-H-136	2242A 1 1/4 in. Reverse (Adjustable 1 1/8 to 1 3/8)	US26 Fin.
4101A		FF-H-136	2244A 1 1/4 in. (Adjustable 1 1/8 to 1 3/8)	US26 Fin.
4102		FF-H-136	2842 1 1/4 in. Reverse	US26 Fin.
4102A		FF-H-136	2844 1 1/4 in.	US26 Fin.
4106		FF-H-136	F2222 Reverse	US26 Fin.
4106A		FF-H-136	F2224	US26 Fin.
4115		FF-H-136	2642 1 1/4 in. Reverse	US26 Fin.
4115A		FF-H-136	2644 1 1/4 in.	US26 Fin.
4140		FF-H-136	C4227S 1 1/4 in. Supplied with adjustable clamp flanges unless otherwise specified.	US26 Fin.
4200		FF-H-136	CG47227S 1 1/4 in. Supplied with adjustable clamp flanges unless otherwise specified.	US26 Fin.
4301		FF-H-136	1252K	US26 Fin.
4301A		FF-H-136	1252 x 1247C Supplied with adjustable clamp flange unless otherwise specified.	US26 Fin.
4302		FF-H-136	1260	US26 Fin.
4302A		FF-H-136	1260 x 1247C Supplied with adjustable clamp flange unless otherwise specified.	US26 Fin.
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	With "T" Handle	FF-H-136	1256	US26 Fin.
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4316		FF-H-136	D1253 Cut For 1250 or 1256 Bolt	US26 Fin.
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4331		FF-H-136	1234	US26 Fin.



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P6221	34	6385	41	7277	40	9091	14	12001	42	28215	45
6225	41	6387	40	7285	46	9092	15	12011	42	28285	45
6227	40	6391	20	7287	40	9111	14	12111	42	28395	45
C6227M	33	J6391	20	7297	40	9112	15	12131	42	38005	45
CI6227M	33	NR6391	21	7317	40	9121	14	12211	42	38015	45
F6227M	33	JNR6391	21	7367	40	9122	15	12281	42	38175	45
P6227M	33	6395	41	7387	40	9131	14	12291	42	38185	45
C6227S	33	6397	40	7395	46	9132	15	12391	42	38215	45
CI6227S	33	6401	20	7397	40	9161	14	14005	41	38285	45
F6227S	33	J6401	20	7407	40	9162	15	14025	41	38395	45
P6227S	33	NR6401	21	7427	40	9171	14	14045	41	47007	35
6231	20	JNR6401	21	7987	40	9172	15	14055	41	47047	35
J6231	20	6405	41	7997	40	9181	14	14065	41	47057	35
NR6231	21	6407	40	8001	25	9182	15	14075	41	47187	35
JNR6231	21	6421	20	8005	45	9191	14	14115	41	47217	35
6235	41	J6421	20	8015	45	9192	15	14135	41	47227	35
6237	40	NR6421	21	8021	25	9211	14	14165	41	C47227S	35
6251	20	JNR6421	21	8041	25	9212	15	14175	41	CI47227S	35
J6251	20	6425	40	8051	25	9221	14	14185	41	F47227S	35
NR6251	21	6427	40	8061	25	9222	15	14195	41	P47227S	35
JNR6251	21	6981	20	8071	25	9231	14	14215	41	47287	35
6255	41	J6981	20	8091	25	9232	15	14225	41		
6257	40	NR6981	21	8111	25	9251	14	14235	41		
6261	20	JNR6981	21	8131	25	9252	15	14255	41		
J6261	20	6985	40	8161	25	9261	14	14265	41		
NR6261	21	6987	40	8171	25	9262	15	14275	41		
JNR6261	21	6991	20	8175	45	9271	14	14285	41		
6265	41	J6991	20	8181	25	9272	15	14295	41		
6267	40	NR6991	21	8185	45	9281	14	14315	41		
6271	20	JNR6991	21	8191	25	9282	15	14365	41		
J6271	20	6995	41	8211	25	9291	14	14385	41		
NR6271	21	6997	40	8215	45	9292	15	14395	41		
JNR6271	21	7005	46	8221	25	9311	14	14405	41		
6275	41	7007	40	8231	25	9312	15	14425	41		
6277	40	7027	40	8251	25	9361	14	14985	41		
6281	20	7047	40	8261	25	9362	15	14995	41		

List of Finishes and Symbols

U. S. Standard Finish Symbol	C.S.H.Co. Finish Symbol	DESCRIPTION OF FINISHES AS APPLIED TO OUR PRODUCT	REMARKS
USP	USP	Primed (For Painting)	
US1B	US1B	Japanned, Bright Black	
US1D	US1D	Japanned, Dead Black	
US2C	US2C	Cadmium, Plated	
US2G	US2G	Zinc, Plated, Dull.....	{ Bureau of Standards indicates US2G finish as "Electro Galvanized." The process of electro galvanizing is electro plating with zinc.
US2H	US2H	Zinc, Hot Dipped, Natural.....	{ We recommend using US2G finish for our products.
US2S	US2S	Sherardized, Natural.....	
US3	US3	Brass, Plated or natural metal, Bright	
US4	US4	Brass, " " " " Dull	
US5	US5	Brass, Plated or natural metal, Oxidized and relieved uniformly, Dull.....	{ Bureau of Standards limits this finish to ornamental designs and suggests using US4 finish for plain hardware. Our US5 finish matches panel of ornamental designs.
US6	US6	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded	
US7	Use US6	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded.....	{ Bureau of Standards limits this finish to ornamental designs. US6 finish on plain hardware is used to match US7 finish on ornamental hardware.
US8	US8	Copper, Plated, Oxidized and relieved transversely, Bright.....	{ Relieved portion bright copper, oxidized portion dark.
US9	US9	Bronze, Plated or natural metal, Bright	
US10	US10	Bronze, " " " " Dull	
US11	US11	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Dull.....	{ Bureau of Standards limits this finish to ornamental designs and suggests using US10 finish for plain hardware. Our US11 finish matches panel of ornamental designs.
US12	US12	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded	
US13	Use US12	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded.....	{ Bureau of Standards limits this finish to ornamental designs. US12 finish on plain hardware is used to match US13 finish on ornamental hardware.
US14	US14	Nickel Plated, Bright	{ Bureau of Standards limits this finish to ornamental designs. US16 finish on plain hardware is used to match US17 finish on ornamental hardware.
US15	US15	Nickel Plated, Dull	
US16	US16	Nickel Plated, Sanded	
US17	Use US16	Nickel Plated, Sanded.....	
US18	US18	Bower Barff, Rustproof Black, Sanded	
US19	US19	Dull Black Plated, Oxidized, Sanded	
US20	US20	Statuary Bronze	
US20A	US20A	Statuary Bronze, Dark	
US21	US21	Statuary Bronze, Sanded	
US22	US22	Verde Antique	
US23	US23	Silver Plated, Oxidized and relieved uniformly, Dull	
US24	US24	Gold Plated, Dull	
US25	US25	White Bronze	
US26	US26	Chromium Plated, Bright	
US26D	US26D	Chromium Plated, Dull	

This list of finishes and symbols conforms to that issued by the United States Bureau of Standards.

Some of these finishes are limited to ornamental designs and are not applicable to plain hardware such as our product.

The term "oxidized and relieved uniformly" indicates that the entire surface has a slight cast of oxidation over it, with no mottling or striping.

"Oxidized and relieved transversely" indicates that the entire surface has been oxidized and the oxidation removed in stripes across the surface, so that the color of the plating or metal appears.

"Dull" indicates that the plating or metal is dull, not bright, but is not necessarily oxidized.

If a special finish is desired please send a sample or description.

List of Comparative Finishes and Symbols

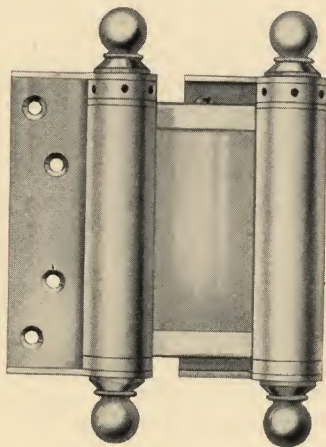
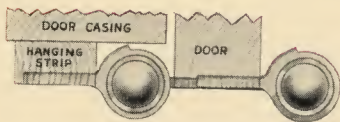
U. S. Standard Finish Symbol	DESCRIPTION OF FINISHES AS APPLIED TO OUR PRODUCT	Chicago Spring Hinge Co.	Corbin	Lockwood	McKinney	Norwalk	Penn	Reading	Russwin	Sargent	Stanley	Yale
USP	Primed (For Painting)	USP	J	J	PC	J	J	J			P	J
US1B	Japanned, Bright Black	US1B	D	JF	J	DJ	DJ	DJ			J	DJ
US1D	Japanned, Dead Black	US1D			DB	CA	CA				J	
US2C	Cadmium Plated	US2C	G	Z	CM	G	Galv	GL	G		K	
US2G	Zinc, Plated, Dull (Galvanized)	US2G			EG			GL				
US2H	Zinc, Hot Dipped Natural	US2H			G			HG				
US2S	Sherardized, Natural	US2S			S						R	
US3	Brass, Plated or natural metal, Bright	US3	A	13 1/2	BP	1B	BB	31	10	B	Z	AZ10
US4	Brass, " " " " Dull	US4	EA	13	OB	K	DB	37	9	OB	C	AY22
US5	Brass, " " " " Oxidized	US5 See Page 6	KA	43	XB	K3	DBR	371	9C	OE	F4	AY21
US6	Brass, Plated or natural metal, Oxidized and relieved uniformly, Dull	US6	SKA	51	XBS	HK3	SB	33	09C	RD	SF4	AX28
US7	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded	US7 See Page 6	RKA	45		HK3L	SB9	333	09B	R7D		AX28 1/2
US8	Copper Plated, Oxidized and relieved transversely, Bright	US8	R	7 1/2	AC	O	AC	24	7 1/2	AB	D2	CZ27
US9	Bronze, Plated or natural metal, Bright	US9	B	1	B	#1	BBZ	1	11	P	A	BZ10
US10	Bronze, " " " " Dull	US10	DB	34	DE	DB	DBZ	7	11D	OP	A5	BY22
US11	Bronze, " " " " Oxidized and relieved uniformly, Dull	US11 See Page 6	HB	23	DX	DB3	DBZR	271	11C	O6P	A4	BY21
US12	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded	US12	SHB	36 1/2	DXS	HDB3	SBZ	223	011C	RP	SA4	BX13
US13	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded	US13 See Page 6	RHB	36		HDBL	SBZ9	225		R8P		BX13 1/2
US14	Nickel Plated, Bright	US14	E	5	N	NP	BN	80	4	N	N	NZ10
US15	Nickel " " " " Dull	US15	DE	90	ND	DN	DN	77	14	LN	N5	NY10
US16	Nickel " " " " Sanded	US16	SE	58	NS	HNP	SN	78		RN	SN	NX10
US17	Nickel " " " " Sanded	US17 See Pg. 6	KE	5 1/2		HNPL	SN9	781		R7N		NX10 1/2
US18	Bower Barff, Rustproof Black, Sanded	US18	F	31	BB	RI	RP	87	46	BB	G	FX80
US19	Dull Black Plated, Oxidized, Sanded	US19	KF	6	EDB	HW	IRP	87 1/2	47	BN	H	FX90
												Steel
												BX80
												Bze.
US20	Statuary Bronze	US20	*KB	38	YL	#2	BBZ4	222	2	A	B	BY25
US20A	Statuary " " Dark	US20A	*LB	2	YM	2D	BBZ6	2	2D	A3B	B1	BY65
US21	Statuary " " Sanded	US21	*SKB	38S	YLS	H2	SBZ4	223D	02	RA	SB	BX25
US22	Verde Antique	US22	V	85	V	VA	V	90	36	VA	V	BX67
US23	Silver Plated, Oxidized and relieved uniformly, Dull	US23	KS	72	PX	S	DSR	49	8C	LS	E4	SY32
US24	Gold Plated, Dull	US24	DG	80	DG	T	White	57	19	G		GY10
US25	White Bronze	US25	NK	95	W	NM	Bronze	81	44	EM	NM	NZ40
US26	Chromium Plated, Bright	US26	CR	96	C	CP	BCH	CP	24	CM	CM	DZ10
US26D	Chromium " " Dull	US26D	DCR	97	CD	DCP	DCH	DCP	34	DCM	CMD	DY10

NOTE—Our finish symbols are the same as U. S. Standard Finish Symbols. United States Bureau of Standards limits some finishes to ornamental designs. Our product being plain, we therefore do not list a comparative symbol for such finishes. See Page 6.
 *Specify U. S. finish symbol also if exact match is required.

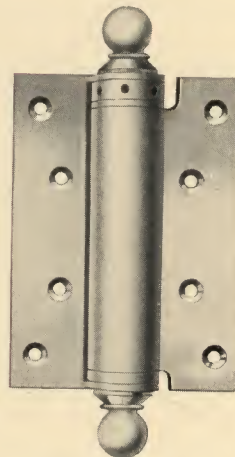
Chicago "Triplex" Spring Butt-Hinge

(Three Leaf Type)

Hanging Strip Required



Double Acting
Type 2001



Single Acting
Type 2002

Applied to Jamb Hanging Strip

The Chicago "Triplex" Spring Butt-Hinge is designed in accordance with scientific principles and has distinctive and practical features. The appearance, finish and durability of this hinge distinguish it as "A Spring Hinge of Quality."



This type of Double Acting Hinge is desirable for outside doors, because it has two axis which give the door resistance against wind pressure when it is in closed position. It also has two springs, with tension adjustment and greater tension may be applied to close the door from one direction than the other. The design of this hinge allows the door to be opened 180 degrees, if other conditions permit.

"Triplex" hinges are made of the best materials and the highest standards of workmanship are maintained in production.

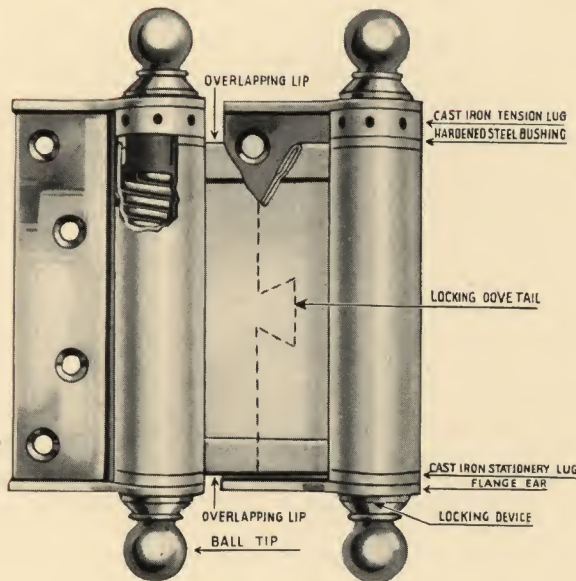
The "Triplex" conforms to standards which have always been recognized by the industry as important to the application and use of spring hinges. These standards are the distance between axial centers and the location of screw holes, which must be maintained the same so as to avoid confusion and unnecessary expense when making replacements.



Chicago "Triplex" Spring Butt-Hinge

(Three Leaf Type)

Hanging Strip Required



Double Acting
Type 2001

Description

The "TRIPLEX" (Three Leaf) Spring Butt-Hinge has many features which are exclusive and of recognized merit.

BODY.—The entire web and barrels are made of one continuous piece of metal formed so that the web portion has three thicknesses of metal and the barrels only one thickness. These results are accomplished without the use of any rivets to weaken the metal of the web. This construction gives proper strength to the web and avoids the use of heavy metal for the barrels where it is not needed and would enlarge them unnecessarily. As a result the barrels have a small outside diameter which gives them a neat appearance when applied to the door and a maximum inside diameter for powerful springs. The construction of barrels and web, as mentioned above, eliminates joints where the metal forming the barrels continues as the web, and avoids exposing the springs to moisture which would cause rust and breakage.

BEARINGS.—Careful attention to design and construction has reduced friction to a minimum and provided suitable bearings where needed. The tension lug operates in a hardened steel bushing, giving a broad bearing surface for the weight of the door; while the spindle of the lug, by which the tension is applied to the spring, sleeves into the neck of the bushing and provides an additional bearing.

SPRINGS.—Wire of the best tempered steel has been selected for the springs in Triplex Spring Hinges. These springs are of ample size and in proper proportion of length, diameter and gauge of wire.

DISASSEMBLEMENT FEATURE.—This feature originated on our product and has advantages and merit. Modern engineering has enabled us to improve our original locking device and the ball-tips are now retained securely by lock-washers of the most efficient type. Should occasion require that the hinge be taken apart, release the tension and unscrew the ball-tips with pliers or a vise. In reassembling the hinge it is essential that the parts be arranged as shown in illustration, in particular the flanges. With the tension lugs uppermost, the flange on the near side should open to the left.

SPECIFYING.—It is important that the proper size of hinge be specified to avoid the annoyance of doors not operating properly and the possibility of hinges breaking. The schedule given below will assist in selecting hinges which will be large enough to operate the doors efficiently.

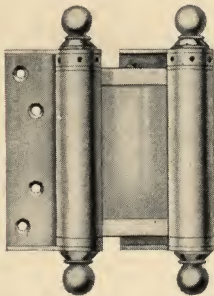
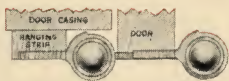
SPECIFICATION SCHEDULE

Size of Hinge Length of Flange	Door Thickness	Hanging Strip Depth	DOORS			
			Thick- ness	Width	Thick- ness	Width
3 in.	$\frac{3}{4}$ to 1 in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in. x 2 ft.	2 in. to 1 in.	x 2 ft.	0 in.
4 in.	$\frac{7}{8}$ to $1\frac{1}{4}$ in.	$\frac{5}{8}$ in.	$\frac{7}{8}$ in. x 2 ft.	2 in. to $1\frac{1}{4}$ in.	x 2 ft.	0 in.
5 in.	$1\frac{1}{8}$ to $1\frac{1}{2}$ in.	$\frac{3}{4}$ in.	$1\frac{1}{8}$ in. x 2 ft.	4 in. to $1\frac{1}{2}$ in.	x 2 ft.	2 in.
6 in.	$1\frac{1}{4}$ to $1\frac{3}{4}$ in.	$\frac{7}{8}$ in.	$1\frac{1}{4}$ in. x 2 ft.	6 in. to $1\frac{3}{4}$ in.	x 2 ft.	4 in.
7 in.	$1\frac{3}{8}$ to 2 in.	1 in.	$1\frac{3}{8}$ in. x 2 ft.	8 in. to 2 in.	x 2 ft.	6 in.
8 in.	$1\frac{1}{2}$ to $2\frac{1}{4}$ in.	1 in.	$1\frac{1}{2}$ in. x 2 ft.	10 in. to $2\frac{1}{4}$ in.	x 2 ft.	8 in.
10 in.	$1\frac{3}{4}$ to $2\frac{1}{2}$ in.	$1\frac{1}{8}$ in.	$1\frac{3}{4}$ in. x 3 ft.	0 in. to $2\frac{1}{2}$ in.	x 2 ft.	10 in.
12 in.	$2\frac{1}{4}$ to 3 in.	$1\frac{1}{4}$ in.	$2\frac{1}{4}$ in. x 3 ft.	2 in. to 3 in.	x 3 ft.	0 in.

This schedule is for inside doors, made of soft wood, and not weighted with plate glass or heavy hardware.

For outside doors, subject to draft; heavy doors of hardwood or doors weighted with plate glass or hardware, we suggest the use of three hinges to a door or two of the largest hinges which the thickness of the door will allow.

A narrow high door is much easier to swing than a wide low door of the same weight or thickness.



Chicago "Triplex" Spring Butt-Hinges

Double Acting

Type 2001

Hanging Strip Required

Length of Flange	INCHES							
	3	4	5	6	7	8	10	12
For Doors	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{8}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{3}{8}$ to 2	$1\frac{1}{2}$ to $2\frac{1}{4}$	$1\frac{3}{4}$ to $2\frac{1}{2}$	$2\frac{1}{4}$ to 3

STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR								Special Wide Web Type G2001
Dead Black.....Japanned	2001	US1D	\$ 3.70	\$ 4.40	\$ 5.20	\$ 6.40	\$ 8.20	\$11.90	\$16.40	\$21.90	\$ 8.20
Primed.....For Painting	2011	USP	"	"	"	"	"	"	"	"	"
Brass, Bright.....Plated	2111	US3	5.00	6.00	7.00	8.90	11.50	16.40	22.60	30.10	11.50
Brass, Dull....."	2281	US4	"	"	"	"	"	"	"	"	"
Brass, Ox'd, Dull....."	2271	US5	"	"	"	"	"	"	"	"	"
Bronze, Bright....."	2131	US9	"	"	"	"	"	"	"	"	"
Bronze, Dull....."	2291	US10	"	"	"	"	"	"	"	"	"
Bronze, Ox'd, Dull....."	2231	US11	"	"	"	"	"	"	"	"	"
Statuary Bronze....."	2311	US20	"	"	"	"	"	"	"	"	"
Copper, Ox'd, Bright....."	2171	US8	"	"	"	"	"	"	"	"	"
*Zinc, Dull (Galvanized)....."	2391	US2G	"	"	"	"	"	"	"	"	"
Nickel, Bright....."	2211	US14	6.60	7.90	9.50	11.50	14.80	20.40	27.90	36.00	14.80
Nickel, Dull....."	2021	US15	"	"	"	"	"	"	"	"	"
Nickel, Sanded....."	2181N	US16	"	"	"	"	"	"	"	"	"
Brass, Ox'd, Sanded....."	2181OB	US6	"	"	"	"	"	"	"	"	"
Bronze, Ox'd, Sanded....."	2181OBZ	US12	"	"	"	"	"	"	"	"	"
Statuary Bronze, Sanded....."	2181SB	US21	"	"	"	"	"	"	"	"	"
Dull Blk. (Ox'd), Sanded....."	2161	US19	"	"	"	"	"	"	"	"	"
Bower Barff....."	2121	US18	7.90	9.50	11.40	13.80	17.80	24.50	33.50	43.20	17.80
Chromium, Bright.....Plated	2991	US26	See note	"	"	"	"	"	"	"	"
Chromium, Dull....."	2981	US26D	"	"	"	"	"	"	"	"	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.										
Brass Metal, Bright.....	2051	US3	\$13.20	\$15.00	\$18.40	\$22.80	\$29.00	\$39.00	\$52.90	\$82.50	\$29.00
Bronze "....."	2041	US9	"	"	"	"	"	"	"	"	"
Brass " Dull....."	2071	US4	14.60	16.80	20.30	25.00	31.90	42.90	57.90	88.70	31.90
Brass " Oxidized, Dull....."	2191	US5	"	"	"	"	"	"	"	"	"
Bronze " Dull....."	2061	US10	"	"	"	"	"	"	"	"	"
Bronze " Oxidized, Dull....."	2251	US11	"	"	"	"	"	"	"	"	"
Bronze " Statuary....."	2361	US20	"	"	"	"	"	"	"	"	"
Brass " Ox'd Cop'r...Plated	2091	US8	"	"	"	"	"	"	"	"	"
Brass " Br't Nickel... "	2221	US14	"	"	"	"	"	"	"	"	"
Brass " Dull Nickel... "	2261	US15	"	"	"	"	"	"	"	"	"
Brass " Nkl., Sanded, "....."	2381N	US16	"	"	"	"	"	"	"	"	"
Brass " Ox'd, Sanded....."	2381OB	US6	"	"	"	"	"	"	"	"	"
Bronze " "....."	2381OBZ	US12	"	"	"	"	"	"	"	"	"
Bronze " Statuary, Sanded....."	2381SB	US21	"	"	"	"	"	"	"	"	"
Brass " Br't Chrom. Plated	2401	US26	See note	"	"	"	"	"	"	"	"
Brass " Dull Chromium "....."	2421	US26D	"	"	"	"	"	"	"	"	"

‡Special wide web type for gates with handrail of 3½ inches maximum width. Prefix G to number when ordering.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

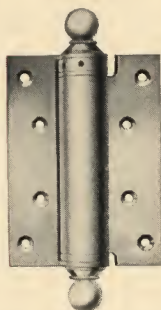
For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 54.



Chicago "Triplex" Spring Butt-Hinges

Single Acting

Type 2002

Hanging Strip Required

Length of Flange	INCHES								
	3	4	5	6	7	8	10	12	15
For Doors	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{8}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{3}{8}$ to 2	$1\frac{1}{2}$ to $2\frac{1}{4}$	$1\frac{3}{4}$ to $2\frac{1}{2}$	$2\frac{1}{4}$ to 3	$1\frac{1}{4}$ to $2\frac{1}{2}$

STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR									Special Wide Web Type G2002
Dead Black.....Japanned	2002	US1D	\$ 2.20	\$ 2.70	\$ 3.10	\$ 3.80	\$ 4.90	\$ 7.10	\$ 9.90	\$13.10	\$ 3.80	
Primed.....For Painting	2012	USP	"	"	"	"	"	"	"	"	"	
Brass, Bright.....Plated	2112	US3	2.90	3.60	4.20	5.30	6.90	9.90	13.50	18.10	5.30	
Brass, Dull....."	2282	US4	"	"	"	"	"	"	"	"	"	
Brass, Ox'd, Dull....."	2272	US5	"	"	"	"	"	"	"	"	"	
Bronze, Bright....."	2132	US9	"	"	"	"	"	"	"	"	"	
Bronze, Dull....."	2292	US10	"	"	"	"	"	"	"	"	"	
Bronze, Ox'd, Dull....."	2232	US11	"	"	"	"	"	"	"	"	"	
Statuary Bronze....."	2312	US20	"	"	"	"	"	"	"	"	"	
Copper, Ox'd, Bright....."	2172	US8	"	"	"	"	"	"	"	"	"	
*Zinc, Dull (Galvanized)....."	2392	US2G	"	"	"	"	"	"	"	"	"	
Nickel, Bright....."	2212	US14	4.00	4.70	5.70	6.90	8.90	12.20	16.70	21.60	6.90	
Nickel, Dull....."	2022	US15	"	"	"	"	"	"	"	"	"	
Nickel, Sanded....."	2182N	US16	"	"	"	"	"	"	"	"	"	
Brass, Ox'd, Sanded....."	2182OB	US6	"	"	"	"	"	"	"	"	"	
Bronze, Ox'd, Sanded....."	2182OBZ	US12	"	"	"	"	"	"	"	"	"	
Statuary Bronze, Sanded....."	2182SB	US21	"	"	"	"	"	"	"	"	"	
Dull Blk. (Ox'd), Sanded....."	2162	US19	"	"	"	"	"	"	"	"	"	
Bower Barff....."	2122	US18	4.80	5.60	6.80	8.30	10.70	14.60	20.00	25.90	8.30	
Chromium, Bright.....Plated	2092	US26	See	note								
Chromium, Dull....."	2982	US26D	"	"								
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.											
Brass Metal, Bright.....	2052	US3	\$ 7.30	\$ 8.90	\$10.80	\$13.70	\$17.40	\$23.40	\$31.70	\$49.40	\$13.70	
Bronze "....."	2042	US9	"	"	"	"	"	"	"	"	"	
Brass " Dull....."	2072	US4	8.10	9.90	11.90	15.00	19.10	25.70	34.70	53.20	15.00	
Brass " Oxidized, Dull....."	2192	US5	"	"	"	"	"	"	"	"	"	
Bronze " Dull....."	2062	US10	"	"	"	"	"	"	"	"	"	
Bronze " Oxidized, Dull....."	2252	US11	"	"	"	"	"	"	"	"	"	
Bronze " Statuary....."	2362	US20	"	"	"	"	"	"	"	"	"	
Brass " Ox'd Cop'r...Plated	2092	US8	"	"	"	"	"	"	"	"	"	
Brass " Br't Nickel..."	2222	US14	"	"	"	"	"	"	"	"	"	
Brass " Dull Nickel..."	2262	US15	"	"	"	"	"	"	"	"	"	
Brass " Nkl., Sanded, .."	2382N	US16	"	"	"	"	"	"	"	"	"	
Brass " Ox'd, Sanded....."	2382OB	US6	"	"	"	"	"	"	"	"	"	
Bronze " "....."	2382OBZ	US12	"	"	"	"	"	"	"	"	"	
Bronze " Statuary, Sanded..."	2382SB	US21	"	"	"	"	"	"	"	"	"	
Brass " Br't Chrom. Plated	2402	US26	See	note								
Brass " Dull Chromium .."	2422	US26D	"	"								

†Special wide web type for gates with handrail of 4 inches maximum width. Prefix G to number when ordering.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

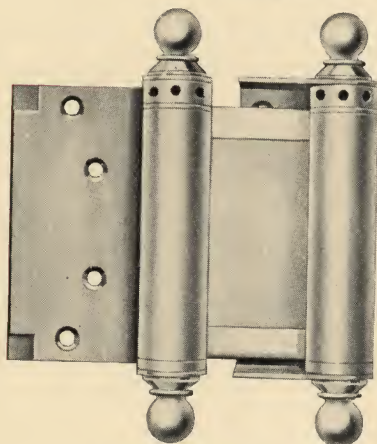
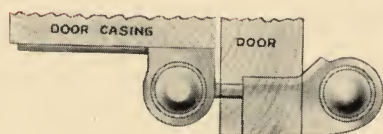
Single Acting Hinges, when so ordered, will be furnished with reverse acting springs to hold the door open.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 54.

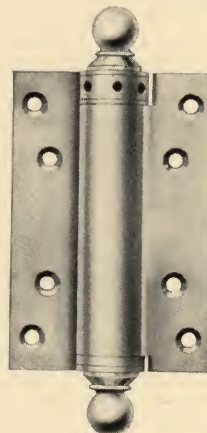
Chicago "Simplex" Spring Butt-Hinge

(Simple Application)

No Hanging Strip Required



Double Acting
Type 9001



Single Acting
Type 9002

Applied Directly to Door Casing

The Chicago "Simplex" Spring Butt-Hinge is designed to be applied directly to the door casing without the use of a Jamb Hanging Strip.



This type of Double Acting Hinge is applied with the entire thickness mortised into the door and the Jamb Flange attached to the surface of the door casing without any mortise cut being made. Application by this method is both simple and economical.

"Simplex" Spring Hinges are made to the same recognized standards as the "Triplex." The distance between axial centers, location of screw holes, length of mortise cut, size of springs and barrels, straight web made in multiple thickness, all are identical with the "Triplex," the standards of which have been recognized for many years.

The Single Acting Hinge is applied with the Jamb Flange mortised into the jamb and the Door Flange into the door, just as Single Acting Springless Butt-Hinges of standard make are applied. The Jamb Flange is flat so that the barrel of the hinge will not interfere with the architrave or the door casing. If desired, the entire thickness of the hinge may be mortised into the door and the Jamb Flange applied to the surface of the jamb.

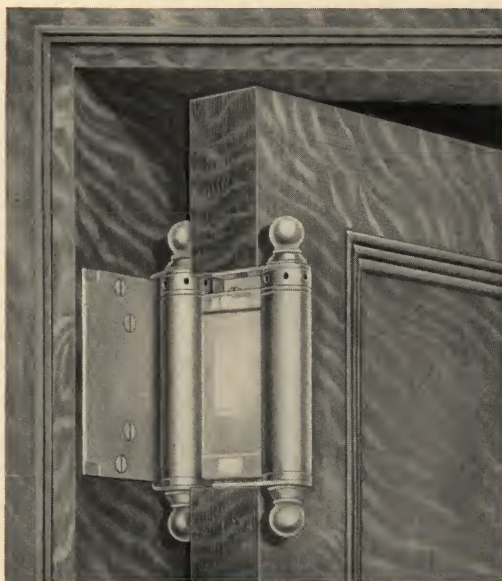
This hinge is made of the best materials, and highest standards of workmanship are maintained in the production.



Chicago "Simplex" Spring Butt-Hinge

(Simple Application)

No Hanging Strip Required



Double Acting
Type 9001

Description

The "SIMPLEX" (Simple Application) Spring Butt-Hinge has many features which are exclusive and of recognized merit.

APPLICATION.—It is designed to be applied directly to the door casing without the use of a Jamb Hanging-Strip. The entire thickness of the hinge is mortised into the door. This method of application is both simple and economical.

BODY.—The entire web and barrels are made of one continuous piece of metal formed so that the web portion has three thicknesses of metal and the barrels only one thickness. These results are accomplished without the use of any rivets to weaken the metal of the web. This construction gives proper strength to the web and avoids the use of heavy metal for the barrels where it is not needed and would enlarge them unnecessarily. As a result the barrels have a small outside diameter which gives them a neat appearance when applied to the door and a maximum inside diameter for powerful springs. The construction of barrels and web, as mentioned above, eliminates joints where the metal forming the barrels continues as the web, and avoids exposing the springs to moisture which would cause rust and breakage.

BEARINGS.—Careful attention to design and construction has reduced friction to a minimum and provided suitable bearings where needed. The tension lug operates in a hardened steel bushing, giving a broad bearing surface for the weight of the door; while the spindle of the lug, by which the tension is applied to the spring, sleeves into the neck of the bushing and provides an additional bearing.

SPRINGS.—Wire of the best tempered steel has been selected for the springs in Simplex Spring Hinges. These springs are of ample size and in proper proportion of length, diameter and gauge of wire.

DISASSEMBLEMENT FEATURE.—This feature originated on our product and has advantages and merit. Modern engineering has enabled us to improve our original locking device and the ball-tips are now retained securely by lock washers of the most efficient type. Should occasion require that the hinge be taken apart, release the tension and unscrew the ball-tips with pliers or a vise. In reassembling the hinge it is essential that the parts be arranged as shown in illustration, in particular the flanges. With the tension lugs uppermost, the flange on the near side should open to the left.

SPECIFYING.—It is important that the proper size of hinge be specified to avoid the annoyance of doors not operating properly and the possibility of hinges breaking. The schedule given below will assist you in selecting hinges which will be large enough to operate the door efficiently.

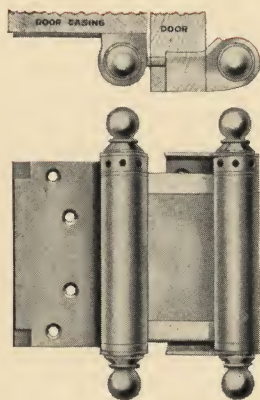
Specification Schedule

Size of Hinge Length of Door Flange	Door Thickness	DOORS			
		Thick- ness	Width	Thick- ness	Width
3 in.	$\frac{3}{4}$ to 1 in.	$\frac{3}{4}$ in. x 2 ft.	2 in. to 1	in. x 2 ft.	0 in.
4 in.	$\frac{7}{8}$ to $1\frac{1}{4}$ in.	$\frac{7}{8}$ in. x 2 ft.	2 in. to $1\frac{1}{4}$ in.	x 2 ft.	0 in.
5 in.	$1\frac{1}{8}$ to $1\frac{1}{2}$ in.	$1\frac{1}{8}$ in. x 2 ft.	4 in. to $1\frac{1}{2}$ in.	x 2 ft.	2 in.
6 in.	$1\frac{1}{4}$ to $1\frac{3}{4}$ in.	$1\frac{1}{4}$ in. x 2 ft.	6 in. to $1\frac{3}{4}$ in.	x 2 ft.	4 in.
7 in.	$1\frac{3}{8}$ to $1\frac{7}{8}$ in.	$1\frac{3}{8}$ in. x 2 ft.	8 in. to $1\frac{7}{8}$ in.	x 2 ft.	6 in.
8 in.	$1\frac{3}{4}$ to 2 in.	$1\frac{3}{4}$ in. x 2 ft.	10 in. to 2	in. x 2 ft.	8 in.
10 in.	$1\frac{3}{4}$ to $2\frac{1}{2}$ in.	$1\frac{3}{4}$ in. x 3 ft.	0 in. to $2\frac{1}{2}$ in.	x 2 ft.	10 in.

This schedule is for inside doors, made of soft wood, and not weighted with plate glass or heavy hardware.

For outside doors, subject to draft, heavy doors of hardwood or doors weighted with plate glass or hardware. we suggest the use of three hinges to a door or two of the largest hinges which the thickness of the door will allow.

A narrow high door is much easier to swing than a wide low door of the same weight or thickness.

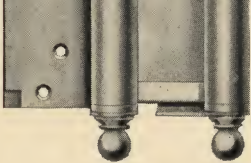


Chicago "Simplex" Spring Butt-Hinges

Double Acting

Type 9001

No Hanging Strip Required

	Length of Flange		INCHES								
			3	4	5	6	7	8	10		
	For Doors		$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{8}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{3}{8}$ to $1\frac{7}{8}$	$1\frac{3}{4}$ to 2	$1\frac{3}{4}$ to $2\frac{1}{2}$		
STEEL PLANISHED (Description of Finishes, Page 6)			No.	U. S. Standard Finish Symbol	PRICES PER PAIR						
Dead Black Japanned					9001	US1D	\$ 3.70	\$ 4.40	\$ 5.20	\$ 6.40	\$ 8.20
Primed For Painting			9011	USP	"	"	"	"	"	"	"
Brass, Bright Plated			9111	US3	5.00	6.00	7.00	8.90	11.50	16.40	22.60
Brass, Dull "			9281	US4	"	"	"	"	"	"	"
Brass, Oxidized, Dull "			9271	US5	"	"	"	"	"	"	"
Bronze, Bright "			9131	US9	"	"	"	"	"	"	"
Bronze, Dull "			9291	US10	"	"	"	"	"	"	"
Bronze, Oxidized, Dull "			9231	US11	"	"	"	"	"	"	"
Statuary Bronze "			9311	US20	"	"	"	"	"	"	"
Copper, Oxidized, Bright "			9171	US8	"	"	"	"	"	"	"
*Zinc, Dull (Galvanized) "			9391	US2G	"	"	"	"	"	"	"
Nickel, Bright "			9211	US14	6.60	7.90	9.50	11.50	14.80	20.40	27.90
Nickel, Dull "			9021	US15	"	"	"	"	"	"	"
Nickel, Sanded "			9181N	US16	"	"	"	"	"	"	"
Brass, Oxidized, Sanded "			9181OB	US6	"	"	"	"	"	"	"
Bronze, " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " 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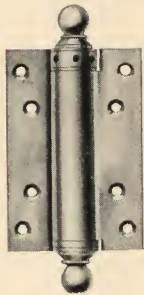
*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.
For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 55.

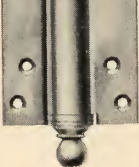


Chicago "Simplex" Spring Butt-Hinges

Single Acting

Type 9002

No Hanging Strip Required

	Length of Flange		INCHES						
			3	4	5	6	7	8	10
	For Doors		$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{8}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{3}{8}$ to $1\frac{7}{8}$	$1\frac{3}{4}$ to 2	$1\frac{3}{4}$ to $2\frac{1}{2}$
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR						
Dead Black Japanned	9002	US1D	\$ 2.20	\$ 2.70	\$ 3.10	\$ 3.80	\$ 4.90	\$ 7.10	\$ 9.90
Primed For Painting	9012	USP	"	"	"	"	"	"	"
Brass, Bright Plated	9112	US3	2.90	3.60	4.20	5.30	6.90	9.90	13.50
Brass, Dull "	9282	US4	"	"	"	"	"	"	"
Brass, Oxidized, Dull "	9272	US5	"	"	"	"	"	"	"
Bronze, Bright "	9132	US9	"	"	"	"	"	"	"
Bronze, Dull "	9292	US10	"	"	"	"	"	"	"
Bronze, Oxidized, Dull "	9232	US11	"	"	"	"	"	"	"
Statuary Bronze "	9312	US20	"	"	"	"	"	"	"
Copper, Oxidized, Bright "	9172	US8	"	"	"	"	"	"	"
*Zinc, Dull (Galvanized) "	9392	US2G	"	"	"	"	"	"	"
Nickel, Bright "	9212	US14	4.00	4.70	5.70	6.90	8.90	12.20	16.70
Nickel, Dull "	9022	US15	"	"	"	"	"	"	"
Nickel, Sanded "	9182N	US16	"	"	"	"	"	"	"
Brass, Oxidized, Sanded "	9182OB	US6	"	"	"	"	"	"	"
Bronze " " "	9182OBZ	US12	"	"	"	"	"	"	"
Statuary Bronze, " " "	9182SB	US21	"	"	"	"	"	"	"
Dull Black (Oxidized), Sanded "	9162	US19	"	"	"	"	"	"	"
Bower Barff "	9122	US18	4.80	5.60	6.80	8.30	10.70	14.60	20.00
Chromium, Bright Plated	9992	US26	See	note					
Chromium, Dull "	9982	US26D	"	"					
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.								
Brass Metal, Bright	9052	US3	\$ 7.30	\$ 8.90	\$10.80	\$13.70	\$17.40	\$23.40	\$31.70
Bronze " "	9042	US9	"	"	"	"	"	"	"
Brass " Dull	9072	US4	8.10	9.90	11.90	15.00	19.10	25.70	34.70
Brass " Oxidized, Dull	9192	US5	"	"	"	"	"	"	"
Bronze " Dull	9062	US10	"	"	"	"	"	"	"
Bronze " Oxidized, Dull	9252	US11	"	"	"	"	"	"	"
Bronze " Statuary	9362	US20	"	"	"	"	"	"	"
Brass " Ox'd Copper Plated	9092	US8	"	"	"	"	"	"	"
Brass " Bright Nickel "	9222	US14	"	"	"	"	"	"	"
Brass " Dull Nickel "	9262	US15	"	"	"	"	"	"	"
Brass " Nickel, Sanded "	9382N	US16	"	"	"	"	"	"	"
Brass " Ox'd Sanded	9382OB	US6	"	"	"	"	"	"	"
Bronze " " "	9382OBZ	US12	"	"	"	"	"	"	"
Bronze " Statuary, Sanded	9382SB	US21	"	"	"	"	"	"	"
Brass " Br't Chromium Plated	9402	US26	See	note					
Brass " Dull Chromium "	9422	US26D	"	"					

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Single Acting Hinges, when so ordered, will be furnished with reverse acting springs to hold the door open.

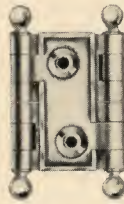
Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 55.

Chicago Spring Butt-Hinge and Springless Butt-Hinge

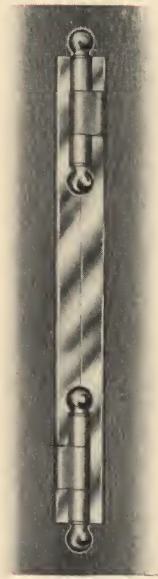
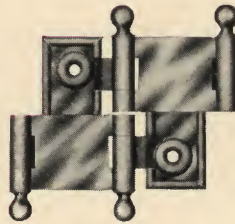
Double Acting



Type 1 1/2



Type 3 1/2



Type 1 1/2

Spring Power for Heavy Service

The "Chicago" Spring Butt-Hinge is designed with a large powerful spring, which is concealed when the door is closed, and is especially recommended for large doors subject to heavy and frequent service. Although it has a large powerful spring the hinge presents a neat and finished appearance because the projections beyond the surface of the door are small.

When doors are narrow, and located inside, considerable economy will result from using one of these powerful spring hinges at the top and a springless hinge at the bottom. The spring hinge will prevent the door from sagging and will also provide ample spring power for closing it. Outside doors, subject to air pressure, should be hung with a pair of spring hinges.

A double acting hinge of this type is very desirable for outside doors, because it has two axis and great spring power, therefore the door offers resistance against air pressure when it is in closed position.


Narrow high doors do not require as much spring power as wide low doors of the same weight.



Chicago Spring Butt-Hinges

Double Acting

Type 1 1/2

	Thickness of Door		INCHES					
			7/8 to 1	1 1/8 to 1 1/4	1 3/8 to 1 1/2	1 3/4 to 2	2 1/4 to 2 1/2	2 3/4 to 3
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR					
Dead Black Japanned	1 1/2	US1D	\$ 3.70	\$ 4.40	\$ 5.20	\$ 7.40	\$14.20	\$21.90
Brass, Bright. Plated	111 1/2	US3	5.00	6.00	7.00	10.20	19.60	30.10
Brass, Dull. "	281 1/2	US4	"	"	"	"	"	"
Brass, Oxidized, Dull. "	271 1/2	US5	"	"	"	"	"	"
Bronze, Bright. "	131 1/2	US9	"	"	"	"	"	"
Bronze, Dull. "	291 1/2	US10	"	"	"	"	"	"
Bronze, Oxidized, Dull. "	231 1/2	US11	"	"	"	"	"	"
Statuary Bronze. "	311 1/2	US20	"	"	"	"	"	"
Copper, Oxidized, Bright. "	171 1/2	US8	"	"	"	"	"	"
*Zinc, Dull (Galvanized). "	391 1/2	US2G	"	"	"	"	"	"
Nickel, Bright. "	211 1/2	US14	6.60	7.90	9.50	13.20	24.20	36.00
Nickel, Dull. "	21 1/2	US15	"	"	"	"	"	"
Nickel, Sanded "	181 1/2N	US16	"	"	"	"	"	"
Brass, Oxidized, Sanded. "	181 1/2OB	US6	"	"	"	"	"	"
Bronze, " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " " 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*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size".

For list of Springless Butt-Hinges and of Spring and Springless Butt-Hinges in sets see pages 18 and 19.

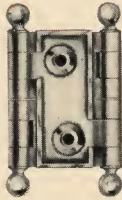
Brass and Bronze metal hinges are cast, with steel bushed bearings.

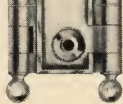
Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60.

Chicago Springless Butt-Hinges

Double Acting

Type 3 1/2



	Thickness of Door	INCHES						
		$\frac{7}{8}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$	$1\frac{3}{4}$ to 2	$2\frac{1}{4}$ to $2\frac{1}{2}$	$2\frac{3}{4}$ to 3	
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR					
Dead Black.....Japanned	$3\frac{1}{2}$	US1D	\$ 1.90	\$ 2.20	\$ 2.60	\$ 3.70	\$ 7.10	\$10.90
Brass, Bright.....Plated	$113\frac{1}{2}$	US3	2.50	3.00	3.50	5.10	9.80	15.10
Brass, Dull....."	$283\frac{1}{2}$	US4	"	"	"	"	"	"
Brass, Oxidized, Dull....."	$273\frac{1}{2}$	US5	"	"	"	"	"	"
Bronze, Bright....."	$133\frac{1}{2}$	US9	"	"	"	"	"	"
Bronze, Dull....."	$293\frac{1}{2}$	US10	"	"	"	"	"	"
Bronze, Oxidized, Dull....."	$233\frac{1}{2}$	US11	"	"	"	"	"	"
Statuary Bronze....."	$313\frac{1}{2}$	US20	"	"	"	"	"	"
Copper, Oxidized, Bright....."	$173\frac{1}{2}$	US8	"	"	"	"	"	"
*Zinc, Dull (Galvanized)....."	$393\frac{1}{2}$	US2G	"	"	"	"	"	"
Nickel, Bright....."	$213\frac{1}{2}$	US14	3.30	4.00	4.80	6.60	12.10	18.00
Nickel, Dull....."	$23\frac{1}{2}$	US15	"	"	"	"	"	"
Nickel, Sanded....."	$183\frac{1}{2}$ N	US16	"	"	"	"	"	"
Brass, Oxidized, Sanded....."	$183\frac{1}{2}$ OB	US6	"	"	"	"	"	"
Bronze, Oxidized, "....."	$183\frac{1}{2}$ OBZ	US12	"	"	"	"	"	"
Statuary Bronze, "....."	$183\frac{1}{2}$ SB	US21	"	"	"	"	"	"
Dull Black (Oxidized), Sanded....."	$163\frac{1}{2}$	US19	"	"	"	"	"	"
Bower Barff....."	$123\frac{1}{2}$	US18	4.00	4.80	5.80	7.90	14.50	21.60
Chromium, Bright.....Plated	$993\frac{1}{2}$	US26	See	note				
Chromium, Dull....."	$983\frac{1}{2}$	US26D	"	"				
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.							
Brass Metal, Bright.....	53	US3	\$ 6.60	\$ 7.50	\$ 9.20	\$13.00	\$23.00	\$41.20
Bronze "....."	43	US9	"	"	"	"	"	"
Brass " Dull....."	73	US4	7.30	8.40	10.20	14.20	25.20	44.30
Brass " Oxidized, Dull....."	193	US5	"	"	"	"	"	"
Bronze " Dull....."	63	US10	"	"	"	"	"	"
Bronze " Oxidized, Dull....."	253	US11	"	"	"	"	"	"
Bronze " Statuary....."	363	US20	"	"	"	"	"	"
Brass " Oxidized Copper.....Plated	93	US8	"	"	"	"	"	"
Brass " Bright Nickel....."	223	US14	"	"	"	"	"	"
Brass " Dull Nickel....."	263	US15	"	"	"	"	"	"
Brass " Nickel, Sanded....."	383N	US16	"	"	"	"	"	"
Brass " Oxidized, Sanded....."	383OB	US6	"	"	"	"	"	"
Bronze " "....."	383OBZ	US12	"	"	"	"	"	"
Bronze " Statuary, Sanded....."	383SB	US21	"	"	"	"	"	"
Brass " Bright Chromium.....Plated	403	US26	See	note				
Brass " Dull Chromium....."	423	US26D	"	"				

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.
 For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.
 The finishes listed are standard. If a special finish is desired, send a sample or description.
 Packed one pair in a box, with screws of same finish and instructions for applying.
 In ordering, always state "Number" and "Size."
 For list of Chicago Spring Butt-Hinges, see page 17.
 The Brass and Bronze metal hinges are cast.
 Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60.



Type 1 1/2





Type 3 1/2

Chicago Spring and Springless Butt-Hinges

Double Acting

Type 1 1/2 and 3 1/2

 Type 1 1/2		 Type 3 1/2				INCHES					
				Thickness of Door		<div><div>7/8 to 1</div><div>1 1/8 to 1 1/4</div><div>1 3/8 to 1 1/2</div><div>1 3/4 to 2</div><div>2 1/4 to 2 1/2</div><div>2 3/4 to 3</div></div>					
STEEL PLANISHED (Description of Finishes, Page 6)				No.	U. S. Standard Finish Symbol	PRICES PER SET					
Dead Black.....Japanned				1 1/2-3 1/2	US1D	\$ 2.80	\$ 3.30	\$ 3.90	\$ 5.60	\$10.70	\$16.40
Brass, Bright.....Plated				111 1/2-113 1/2	US3	3.80	4.50	5.30	7.70	14.70	22.60
Brass, Dull....."				281 1/2-283 1/2	US4	"	"	"	"	"	"
Brass, Oxidized, Dull....."				271 1/2-273 1/2	US5	"	"	"	"	"	"
Bronze, Bright....."				131 1/2-133 1/2	US9	"	"	"	"	"	"
Bronze, Dull....."				291 1/2-293 1/2	US10	"	"	"	"	"	"
Bronze, Oxidized, Dull....."				231 1/2-233 1/2	US11	"	"	"	"	"	"
Statuary Bronze....."				311 1/2-313 1/2	US20	"	"	"	"	"	"
Copper, Oxidized, Bright....."				171 1/2-173 1/2	US8	"	"	"	"	"	"
*Zinc, Dull (Galvanized)....."				391 1/2-393 1/2	US2G	"	"	"	"	"	"
Nickel, Bright....."				211 1/2-213 1/2	US14	5.00	6.00	7.20	9.90	18.20	27.00
Nickel, Dull....."				21 1/2-23 1/2	US15	"	"	"	"	"	"
Nickel, Sanded....."				181 1/2N-183 1/2N	US16	"	"	"	"	"	"
Brass, Oxidized, Sanded....."				181 1/2OB-183 1/2OB	US6	"	"	"	"	"	"
Bronze, Oxidized....."				181 1/2OBZ-183 1/2OBZ	US12	"	"	"	"	"	"
Statuary Bronze,....."				181 1/2SB-183 1/2SB	US21	"	"	"	"	"	"
Dull Black (Oxidized), Sanded....."				161 1/2-163 1/2	US19	"	"	"	"	"	"
Bower Barff....."				121 1/2-123 1/2	US18	6.00	7.20	8.60	11.90	21.80	32.40
Chromium, Bright.....Plated				991 1/2-993 1/2	US26	See note	"	"	"	"	"
Chromium, Dull....."				981 1/2-983 1/2	US26D	"	"	"	"	"	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)				No.							
Brass Metal, Bright.....				51-53	US3	\$ 9.90	\$11.30	\$13.80	\$19.50	\$34.50	\$61.90
Bronze "....."				41-43	US9	"	"	"	"	"	"
Brass " Dull....."				71-73	US4	11.00	12.60	15.30	21.30	37.80	66.50
Brass " Oxidized, Dull....."				191-193	US5	"	"	"	"	"	"
Bronze " Dull....."				61-63	US10	"	"	"	"	"	"
Bronze " Oxidized, Dull....."				251-253	US11	"	"	"	"	"	"
Bronze " Statuary....."				361-363	US20	"	"	"	"	"	"
Brass " Oxidized Copper Plated				91-93	US8	"	"	"	"	"	"
Brass " Bright Nickel...."				221-223	US14	"	"	"	"	"	"
Brass " Dull Nickel....."				261-263	US15	"	"	"	"	"	"
Brass " Nickel, Sanded.."				381N-383N	US16	"	"	"	"	"	"
Brass " Oxidized, Sanded....."				381OB-383OB	US6	"	"	"	"	"	"
Bronze " "....."				381OBZ-383OBZ	US12	"	"	"	"	"	"
Bronze " Statuary, Sanded....."				381SB-383SB	US21	"	"	"	"	"	"
Brass " Br't Chromium..Plated				401-403	US26	See note	"	"	"	"	"
Brass " Dull Chromium....."				421-423	US26D	"	"	"	"	"	"

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.
For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

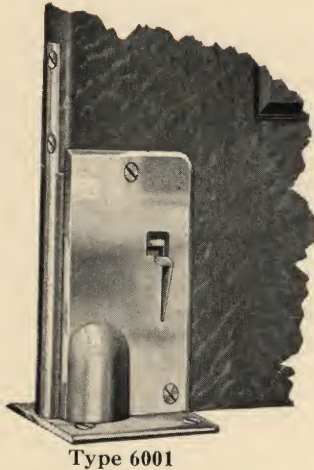
Packed one set in a box, with screws of same finish and instructions for applying.

In ordering, always state "Number" and "Size."

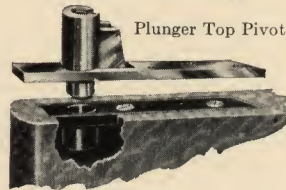
The brass and bronze metal hinges are cast.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60.

Chicago "Relax" Spring Pivot-Hinge Ball-Bearing



Type 6001



Plunger Top Pivot



Top Socket

Jamb Attaching Plate

Double Acting Type 6001



Type 6001

Thickness of Door			INCHES		
			1 1/8 to 1 1/2	1 1/2 to 2	1 3/4 to 2 3/4
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET		
Dead Black.....Japanned	6001	US1D	\$ 4.30	\$ 6.50	\$ 9.90
Brass, Bright.....Plated	6111	US3	6.50	9.60	14.20
Brass, Dull....."	6281	US4	"	"	"
Brass, Ox'd, Dull....."	6271	US5	"	"	"
Bronze, Bright....."	6131	US9	"	"	"
Bronze, Dull....."	6291	US10	"	"	"
Bronze, Ox'd, Dull....."	6231	US11	"	"	"
Statuary Bronze....."	6311	US20	"	"	"
Copper, Ox'd, Bright....."	6171	US8	"	"	"
*Zinc, Dull (Galvanized)....."	6391	US2G	"	"	"
Nickel, Bright....."	6211	US14	7.70	11.40	17.00
Nickel, Dull....."	6021	US15	"	"	"
Nickel, Sanded....."	6181N	US16	"	"	"
Brass, Ox'd, Sanded....."	6181OB	US6	"	"	"
Bronze, Ox'd, Sanded....."	6181OBZ	US12	"	"	"
Statuary Bronze, Sanded....."	6181SB	US21	"	"	"
Dull Blk. (Ox'd), Sanded....."	6161	US19	"	"	"
Bower Barff....."	6121	US18	8.50	12.50	18.70
Chromium, Bright.....Plated	6991	US26	See note	"	"
Chromium, Dull....."	6981	US26D	"	"	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.				
Brass Metal, Bright.....	6051	US3	\$10.80	\$16.30	\$24.40
Bronze "....."	6041	US9	"	"	"
Brass " Dull....."	6071	US4	12.00	18.00	26.90
Brass " Oxidized, Dull....	6191	US5	"	"	"
Bronze " Dull....."	6061	US10	"	"	"
Bronze " Oxidized, Dull....	6251	US11	"	"	"
Bronze " Statuary....."	6361	US20	"	"	"
Brass " Ox'd Cop'r. Plated	6091	US8	"	"	"
Brass " Br't Nickel....."	6221	US14	"	"	"
Brass " Dull Nickel....."	6261	US15	"	"	"
Brass " Nkl., Sanded,....."	6381N	US16	"	"	"
Brass " Ox'd, Sanded....."	6381OB	US6	"	"	"
Bronze " "....."	6381OBZ	US12	"	"	"
Bronze " Statuary, Sanded....."	6381SB	US21	"	"	"
Brass " Br't. Chrom. Pltd.	6401	US26	See note	"	"
Brass " Dull....."	6421	US26D	"	"	"

Release Spring Action

The Chicago "Relax" Spring Pivot-Hinge has a spring action release whereby the door may be placed open at any desired position.

This feature eliminates the tendency of the spring to lose its power as a result of remaining fixed at high tension when doors are held open by door holders.

By stepping on the lever, which is in a recess of the side plate, the spring action disengages and the door remains open wherever it is placed. Whenever the door passes over the closed position, the spring action automatically re-engages. The "Relax" surpasses all other pivot type hinges for quality, quietness and satisfactory service.

The construction is very substantial with ball-bearings to carry the weight of the door. The spring is large and has a tension adjustment. The application is very simple and economical. The "Plunger Top Pivot" is always furnished with this hinge, permitting the door to be readily taken down without removing screws and allowing full clearance of doorway.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number specified.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

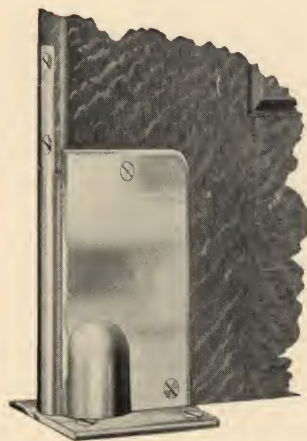
In ordering, always state "Number" and "Size."

Repair parts, pages 48, 49. Telegraph code, page 51. Table of Weights, page 60. Detail drawing with measurements, page 56.

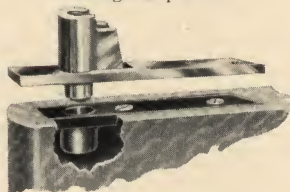
Chicago "Non-Release" Spring Pivot-Hinge

Ball-Bearing

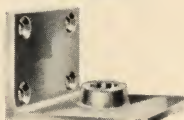
Plunger Top Pivot



Type NR6001

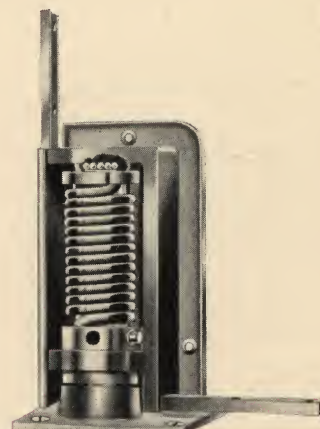


Top Socket



Jamb Attaching Plate

Double Acting Type NR6001



Type NR6001

Thickness of Door			INCHES		
			1 1/8 to 1 1/2	1 1/2 to 2	1 3/4 to 2 3/4
STEEL PLANISHED (Description of Finishes, Page 6)			PRICES PER SET		
	No.	U. S. Standard Finish Symbol			
Dead Black.....Japanned	NR6001	US1D	\$ 3.90	\$ 5.90	\$ 8.90
Brass, Bright.....Plated	NR6111	US3	5.90	8.60	12.80
Brass, Dull....."	NR6281	US4	"	"	"
Brass, Ox'd, Dull....."	NR6271	US5	"	"	"
Bronze, Bright....."	NR6131	US9	"	"	"
Bronze, Dull....."	NR6291	US10	"	"	"
Bronze, Ox'd, Dull....."	NR6231	US11	"	"	"
Statuary Bronze....."	NR6311	US20	"	"	"
Copper, Ox'd, Bright....."	NR6171	US8	"	"	"
*Zinc, Dull (Galvanized)....."	NR6391	US2G	"	"	"
Nickel, Bright....."	NR6211	US14	6.90	10.30	15.30
Nickel, Dull....."	NR6021	US15	"	"	"
Nickel, Sanded....."	NR6181N	US16	"	"	"
Brass, Ox'd, Sanded....."	NR6181OB	US6	"	"	"
Bronze, Ox'd, Sanded....."	NR6181OBZ	US12	"	"	"
Statuary Bronze, Sanded....."	NR6181SB	US21	"	"	"
Dull Blk. (Ox'd) Sanded....."	NR6161	US19	"	"	"
Bower Barff....."	NR6121	US18	7.60	11.30	16.80
Chromium, Bright.....Plated	NR6991	US26	See note	"	"
Chromium, Dull....."	NR6981	US26D	"	"	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)					
	No.				
Brass Metal, Bright.....	NR6051	US3	\$ 9.70	\$14.70	\$22.00
Bronze "....."	NR6041	US9	"	"	"
Brass " Dull....."	NR6071	US4	10.80	16.20	24.20
Brass " Oxidized, Dull....	NR6191	US5	"	"	"
Bronze " Dull....."	NR6061	US10	"	"	"
Bronze " Oxidized, Dull....	NR6251	US11	"	"	"
Bronze " Statuary....."	NR6361	US20	"	"	"
Brass " Ox'd, Cop'r Plated	NR6091	US8	"	"	"
Brass " Br't Nickel....."	NR6221	US14	"	"	"
Brass " Dull Nickel....."	NR6261	US15	"	"	"
Brass " Nkl., Sanded....."	NR6381N	US16	"	"	"
Brass " Ox'd, Sanded....."	NR6381OB	US6	"	"	"
Bronze " "....."	NR6381OBZ	US12	"	"	"
Bronze " Statuary, Sanded..	NR6381SB	US21	"	"	"
Brass " Br't. Chrom. Pltd.	NR6401	US26	See note	"	"
Brass " Dull....."	NR6421	US26D	"	"	"

Telegraph code, page 51. Table of weights, page 60.

"Non-Release" Spring Action

The Chicago "Non-Release" Spring Pivot-Hinge has the same general design and construction as the "Relax" (Type 6001). It does not have the spring action release feature which permits placing the door open at any desired position.

Under certain conditions it may be more desirable to use this hinge which has no release or hold open feature.

This hinge has ball-bearings to carry the weight of the door, a tension adjustment and is extremely quiet in operation.

The "Plunger Top Pivot" is always furnished with this hinge, permitting the door to be readily taken down without removing screws and allowing full clearance of doorway.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number specified.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

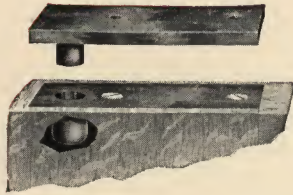
The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Chicago "Premier" Spring Pivot-Hinge

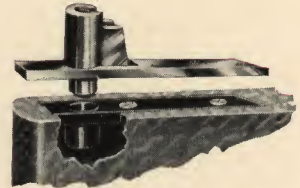
Ball-Bearing



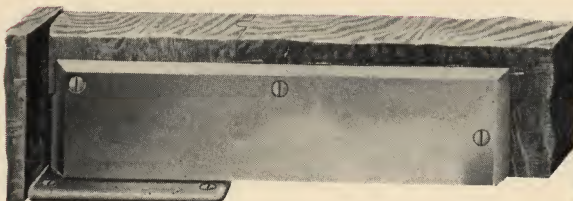
Standard Top Pivot and
Socket



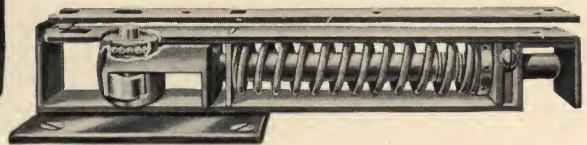
Jamb Attaching Plate
Part of Type J4001 Hinge
(Not supplied separately)



Plunger Top Pivot and Socket
(See Note Below)



Type 4001



Type 4001

Hold Open Type

Double Acting

The Chicago "Premier" Spring Pivot-Hinge is truly a leader in its class, and has acquired this distinction by reason of the important features described below.

When the door is opened to 90 degrees, this hinge holds it in that position. Important features of this hinge are an eccentric equipped with hardened steel roller-bearings, a drop-forged piston and a simple but positive alignment device.

Compression springs have greater durability and efficiency when made of flat wire of the best grade of tempered steel. This type of spring is therefore used in the "Premier" and is provided with a tension adjustment.

A simple device has been provided for aligning the door after applying the hinge. It is a practical and efficient adjustment controlled by a single screw which is conveniently located and easily accessible.

Application of the "Premier" to the bottom of the door is very simple and requires only a rectangular mortise cut. For concrete or tile floors this hinge can be supplied with a jamb attaching plate, Type J4001. See foot note on following page.

Note:—When so specified this hinge will be supplied with "Plunger Top Pivot" permitting greater ease of application. For price see note on following page.

Chicago "Premier" Spring Pivot-Hinges

Double Acting

Type 4001

Illustrations and Description, Page 22	Thickness of Door		INCHES	
			1 1/8 ‡ to 1 3/4	1 3/4 to 2 3/4
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET	
Dead Black Japanned	4001	US1D	\$ 3.60	\$ 5.40
Brass, Bright Plated	4111	US3	4.40	6.20
Brass, Dull "	4281	US4	"	"
Brass, Oxidized, Dull "	4271	US5	"	"
Bronze, Bright "	4131	US9	"	"
Bronze, Dull "	4291	US10	"	"
Bronze, Oxidized, Dull "	4231	US11	"	"
Statuary Bronze "	4311	US20	"	"
Copper, Oxidized, Bright "	4171	US8	"	"
*Zinc, Dull (Galvanized) "	4391	US2G	"	"
Nickel, Bright "	4211	US14	5.10	6.90
Nickel, Dull "	4021	US15	"	"
Nickel, Sanded "	4181N	US16	"	"
Brass, Oxidized, Sanded "	4181OB	US6	"	"
Bronze " " " " " " " " " " " "	4181OBZ	US12	"	"
Statuary Bronze, " " " " " " " " " " " "	4181SB	US21	"	"
Dull Black (Oxidized), Sanded "	4161	US19	"	"
Bower Barff "	4121	US18	5.60	7.60
Chromium, Bright Plated	4991	US26	See	note
Chromium, Dull "	4981	US26D	"	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.			
Brass Metal, Bright	4051	US3	\$ 9.00	\$10.80
Bronze " " " " " " " " " " " "	4041	US9	"	"
Brass " Dull	4071	US4	10.00	11.80
Brass " Oxidized, Dull	4191	US5	"	"
Bronze " Dull	4061	US10	"	"
Bronze " Oxidized, Dull	4251	US11	"	"
Bronze " Statuary	4361	US20	"	"
Brass " Oxidized Copper Plated	4091	US8	"	"
Brass " Bright Nickel "	4221	US14	"	"
Brass " Dull Nickel "	4261	US15	"	"
Brass " Nickel, Sanded "	4381N	US16	"	"
Brass " Oxidized, Sanded	4381OB	US6	"	"
Bronze " " " " " " " " " " " "	4381OBZ	US12	"	"
Bronze " Statuary, Sanded	4381SB	US21	"	"
Brass " Bright Chromium Plated	4401	US26	See	note
Brass " Dull Chromium "	4421	US26D	"	"

When so specified this hinge will be supplied with "Plunger Top Pivot" permitting greater ease of application. The price is 10% added to list price.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number specified. These jamb attaching plates are part of the hinge and cannot be supplied separately.

‡Size 1 1/8 to 1 3/4 is furnished with reversible side plates.

*For plated finishes over Zinc Plated finish, add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

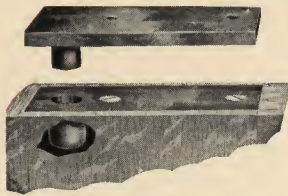
In ordering, always state "Number" and "Size".

Telegraph code, page 51. Table of weights, page 60.

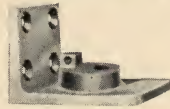
Detail drawing with measurements, page 57.

Chicago "Ajax" Spring Pivot-Hinges

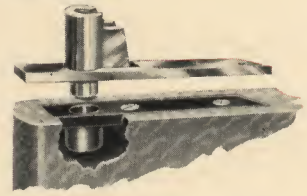
Ball-Bearing Reversible Side Plates



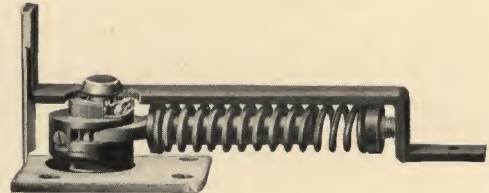
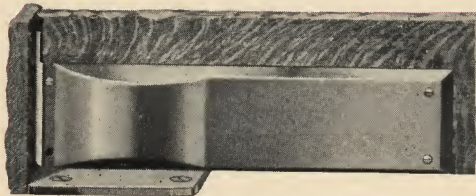
Standard Top Pivot
and Socket



Jamb Attaching Plate
Part of J3001 Hinge
(Not supplied separately)



Plunger Top Pivot and Socket
(See Note Below)



Double Acting Type 3001

Thickness of Door		INCHES 1 1/8 to 1 3/4	
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET
Dead Black.....Japanned	3001	US1D	\$ 2.40
Brass, Bright.....Plated	3111	US3	2.50
Brass, Dull....."	3281	US4	"
Brass, Oxidized, Dull....."	3271	US5	"
Bronze, Bright....."	3131	US9	"
Bronze, Dull....."	3291	US10	"
Bronze, Oxidized, Dull....."	3231	US11	"
Statuary Bronze....."	3311	US20	"
Copper, Oxidized, Bright..	3171	US8	"
*Zinc, Dull (Galvanized)...	3391	US2G	"
Nickel, Bright....."	3211	US14	3.20
Nickel, Dull....."	3021	US15	"
Nickel, Sanded....."	3181N	US16	"
Brass, Oxidized, Sanded...	3181OB	US6	"
Bronze, "....."	3181OBZ	US12	"
Statuary Bronze, "....."	3181SB	US21	"
Dull Black (Ox'd), "....."	3161	US19	"
Bower Barff....."	3121	US18	3.80
Chromium, Bright.....Plated	3991	US26	See note
Chromium, Dull....."	3981	US26D	" "
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.		
Brass Metal, Bright.....	3051	US3	\$ 5.20
Bronze "....."	3041	US9	"
Brass " Dull....."	3071	US4	5.60
Brass " Oxidized, Dull....."	3191	US5	"
Bronze " Dull....."	3061	US10	"
Bronze " Oxidized, Dull....."	3251	US11	"
Bronze " Statuary....."	3361	US20	"
Brass " Ox'd Copper Plated	3091	US8	"
Brass " Bright Nickel....."	3221	US14	"
Brass " Dull Nickel....."	3261	US15	"
Brass " Nickel, Sanded, "....."	3381N	US16	"
Brass " Oxidized, Sanded...	3381OB	US6	"
Bronze " "....."	3381OBZ	US12	"
Bronze " Statuary, "....."	3381SB	US21	"
Brass " Br't. Chrom.. Plated	3401	US26	See note
Brass " Dull Chrom.. "....."	3421	US26D	" "

Hold Open Type

When the door is opened to 90 degrees, this hinge holds it in that position. The weight of the door is carried on ball-bearings which are located at the top of the hinge, away from moisture and dust. The eccentric has roller-bearings.

The alignment device is simple, positive and readily accessible. It is operated by turning a single screw which eliminates any possibility of difficulty from this feature.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number ordered. These plates are a part of the hinge and cannot be supplied separately for regular hinges.

When so specified this hinge will be supplied with "Plunger Top Pivot" permitting greater ease of application. The price is 10% added to list price.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

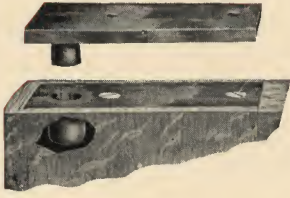
In ordering, always state "Number."

Telegraph code, page 51.

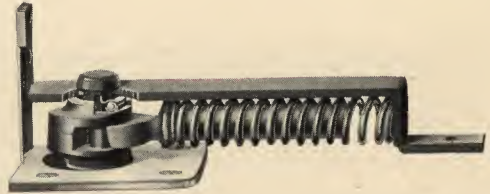
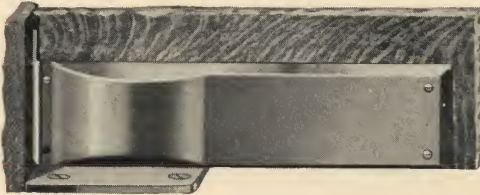
Table of weights, page 60.

Detail drawing with measurements, page 57.

Chicago “Eight Thousand” Spring Pivot-Hinges



Ball-Bearing Reversible Side Plates



Double Acting Type 8001

Thickness of Door			INCHES 1 $\frac{1}{8}$ to 1 $\frac{3}{4}$
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET
Dead Black Japanned	8001	US1D	\$ 1.90
Brass, Bright. Plated	8111	US3	2.00
Brass, Dull. "	8281	US4	"
Brass, Oxidized, Dull. "	8271	US5	"
Bronze, Bright. "	8131	US9	"
Bronze, Dull. "	8291	US10	"
Bronze, Oxidized, Dull. "	8231	US11	"
Statuary Bronze. "	8311	US20	"
Copper, Oxidized, Bright. "	8171	US8	"
*Zinc, Dull (Galvanized). "	8391	US2G	"
Nickel, Bright. "	8211	US14	2.30
Nickel, Dull. "	8021	US15	"
Nickel, Sanded. "	8181N	US16	"
Brass, Oxidized, Sanded. "	8181OB	US6	"
Bronze, " " " " " "	8181OBZ	US12	"
Statuary Bronze, " " " " " "	8181SB	US21	"
Dull Black (Ox'd), " " " " " "	8161	US19	"
Chromium, Bright. "	8991	US26	See note
Chromium, Dull. "	8981	US26D	" "
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.		
Brass Metal, Bright.	8051	US3	\$ 4.80
Bronze " " " " " "	8041	US9	"
Brass " Dull.	8071	US4	5.20
Brass " Oxidized, Dull.	8191	US5	"
Bronze " Dull.	8061	US10	"
Bronze " Oxidized, Dull.	8251	US11	"
Bronze " Statuary.	8361	US20	"
Brass " Ox'd Copper Plated.	8091	US8	"
Brass " Bright Nickel " " " "	8221	US14	"
Brass " Dull Nickel. " " " "	8261	US15	"
Brass " Nkl., Sanded, " " " "	8381N	US16	"
Brass " Oxidized, Sanded.	8381OB	US6	"
Bronze " " " " " " " "	8381OBZ	US12	"
Bronze " Statuary, " " " " " "	8381SB	US21	"
Brass " Brt. Chrom..Plated " " " "	8401	US26	See note
Brass " Dull Chrom.. " " " " " "	8421	US26D	" "

Hold Open Type

When the door is opened to 90 degrees, this hinge holds it in that position. The weight of the door is carried on ball-bearings which are located at the top of the hinge, away from moisture and dust.

The floor plate is unusually substantial, being made of heavy metal and covered with a planished steel finishing plate.

This spring hinge is substantially constructed and is suitable where economy is necessary.

For a hinge with adjustable tension, alignment device, roller-bearings or jamb attaching plates, we recommend the "Premier" or "Ajax" Spring Pivot-Hinge. See pages 22, 23 and 24.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

In ordering, always state "Number."

Telegraph code, page 51.

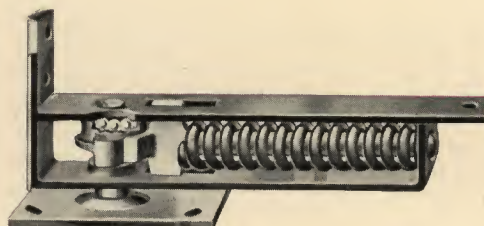
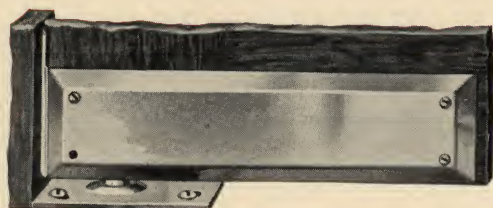
Table of weights, page 60.

Standard packing; 25 sets in a case, one set in a box with screws of same finish and instructions for applying.

Chicago "Durex" Spring Pivot-Hinges

Ball-Bearing

Reversible Side Plates



Double Acting

Type 17001

Thickness of Door			INCHES 1 1/8 to 1 3/4
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET
Dead Black Japanned	17001	US1D	\$ 1.60
Brass, Bright Plated	17111	US3	1.70
Brass, Dull " "	17281	US4	"
Bronze, Bright " "	17131	US9	"
Bronze, Dull " "	17291	US10	"
Copper, Oxidized, Bright " "	17171	US8	"
*Zinc, Dull (Galvanized) " "	17391	US2G	"
Nickel, Bright " "	17211	US14	2.00
Nickel, Dull " "	17021	US15	"
Brass, Oxidized, Sanded " "	17181OB	US6	"

Hold Open Type

When the door is opened to 90 degrees this hinge holds it in that position. At an open position of approximately 95 degrees the hold-open feature is most rigid.

Ball-bearings, which are located at the top of the hinge away from moisture and dust, carry the weight of the door and also protect the bearings in the frame from the thrust of the spring.

The compression spring is made of tempered steel wire.

An alignment feature is provided by means of slotted screw holes in the floor plate, so that the position of the door may be adjusted to align with the door casing.

Top pivot and socket supplied with this hinge are made of wrought metal and the attaching part is thin enough so that it is not necessary to mortise the top pivot into the casing or the attaching part of the socket into the door. If desired, however, a mortise cut for the top pivot may be quickly made with a bit.

Reversible, beveled side plates are supplied and may be applied to either side of the door. This is convenient when different finishes are required to match other hardware in the rooms on either side of the door. In many instances this feature permits using stock goods where a combination finish is required.

For a hinge with adjustable tension, roller-bearings or jamb attaching plate, we recommend the "Premier" or "Ajax" Spring Pivot-Hinge (See pages 22, 23 and 24).

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

The finishes listed are standard.

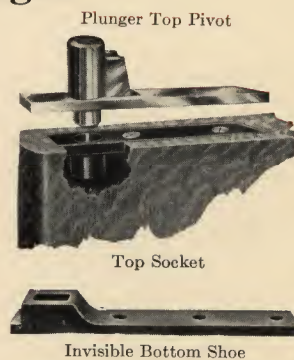
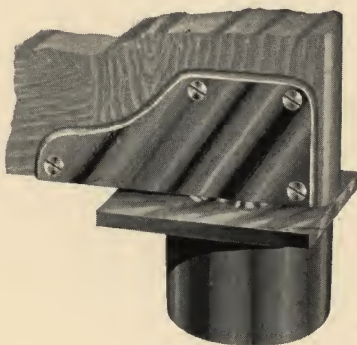
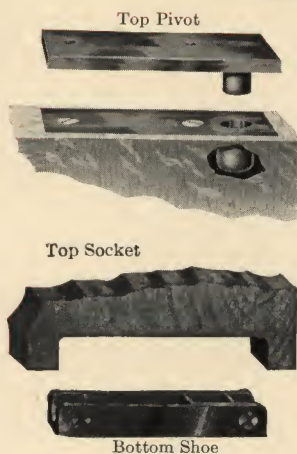
Standard packing; 25 sets in a case, one set in a box with screws of same finish and instructions for applying.

In ordering always state "Number".

Telegraph code, page 51. Table of weights, page 60.

Chicago Spring Pivot-Hinges

Ball-Bearing Floor Mortise Type



Floor Mortise Type

The "Chicago" Spring Pivot-Hinge is mortised into the floor, thereby avoiding a mortise cut in the door for the mechanism, and permitting the use of a spring with large diameter.

If preferred, and if so specified, this hinge will be supplied with an invisible bottom shoe and plunger top pivot. This equipment eliminates the use of side plates and permits taking the door down without removing any screws.

Thickness of Door			INCHES			
			$\frac{7}{8}$ to $1\frac{1}{2}$	$1\frac{3}{8}$ to 2	2 to $2\frac{1}{2}$	$2\frac{1}{2}$ to $3\frac{1}{2}$
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET			
Dead Black. Japanned	5001	US1D	\$ 3.90	\$ 5.80	\$ 8.90	\$ 9.70
Brass, Bright. Plated	5111	US3	5.80	8.60	12.70	14.00
Brass, Dull. " "	5281	US4	"	"	"	"
Brass, Ox'd, Dull. " "	5271	US5	"	"	"	"
Bronze, Bright. " "	5131	US9	"	"	"	"
Bronze, Dull. " "	5291	US10	"	"	"	"
Bronze, Ox'd, Dull. " "	5231	US11	"	"	"	"
Statuary Bronze. " "	5311	US20	"	"	"	"
Copper, Ox'd, Bright. " "	5171	US8	"	"	"	"
* Zinc, Dull (Galvanized). " "	5391	US2G	"	"	"	"
Nickel, Bright. " "	5211	US14	6.90	10.30	15.30	16.80
Nickel, Dull. " "	5021	US15	"	"	"	"
Nickel, Sanded. " "	5181N	US16	"	"	"	"
Brass, Ox'd, Sanded. " "	5181OB	US6	"	"	"	"
Bronze, Ox'd, Sanded. " "	5181OBZ	US12	"	"	"	"
Statuary Bronze, Sanded. " "	5181SB	US21	"	"	"	"
Dull Blk. (Ox'd.), Sanded. " "	5161	US19	"	"	"	"
Bower Barf. " "	5121	US18	7.60	11.30	16.80	18.50
Chromium, Bright. Plated	5991	US26	See	note		
Chromium, Dull. " "	5981	US26D	"	"		
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.					
Brass Metal, Bright.	5051	US3	\$ 9.70	\$14.70	\$22.00	\$24.20
Bronze " " " " " "	5041	US9	"	"	"	"
Brass " Dull.	5071	US4	10.80	16.10	24.20	26.70
Brass " Oxidized, Dull.	5191	US5	"	"	"	"
Bronze " Dull.	5061	US10	"	"	"	"
Bronze " Oxidized, Dull.	5251	US11	"	"	"	"
Bronze " Statuary.	5361	US20	"	"	"	"
Brass " Ox'd Cop'r. Plated	5091	US8	"	"	"	"
Brass " Br't Nickel. " "	5221	US14	"	"	"	"
Brass " Dull Nickel. " "	5261	US15	"	"	"	"
Brass " Nkl., Sanded, " "	5381N	US16	"	"	"	"
Brass " Ox'd, Sanded.	5381OB	US6	"	"	"	"
Bronze " " " " " "	5381OBZ	US12	"	"	"	"
Bronze " Statuary, Sanded.	5381SB	US21	"	"	"	"
Brass " Br't Chrom. Pltd.	5401	US26	See	note		
Brass " Dull Chrom.	5421	US26D	"	"		
DIMENSIONS			INCHES			
Size of top cover.			4x4 $\frac{1}{2}$	4 $\frac{3}{8}$ x5	4 $\frac{3}{4}$ x6	4 $\frac{3}{4}$ x6
Depth from top of cover to bottom of box.			2 $\frac{7}{8}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$	3 $\frac{3}{8}$
Pintle center to door casing.			1 $\frac{3}{4}$	1 $\frac{7}{8}$	2 $\frac{1}{8}$	2 $\frac{1}{8}$

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

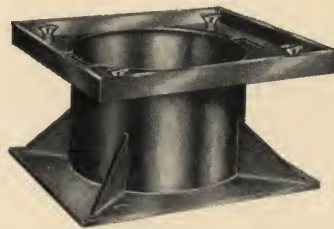
Repair parts, pages 48, 49.

Telegraph code, page 51.

Table of weights, page 60.

Metal Boxes Type 5002

When floors are concrete or tile, it is advisable to imbed a metal box into which the hinge is held by machine screws.

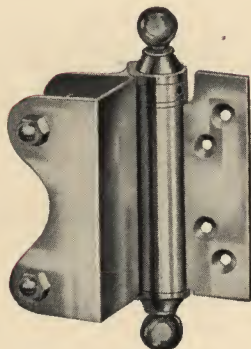


Size	Price, Each
$\frac{7}{8}$ to $1\frac{1}{2}$	\$2.00
$1\frac{3}{8}$ to 2	3.00
2 to $2\frac{1}{2}$	4.00
$2\frac{1}{2}$ to $3\frac{1}{2}$	4.00

TRADE **(CHICAGO)** MARK
SPRING HINGES

Chicago "Triplex" Lavatory Spring Hinges

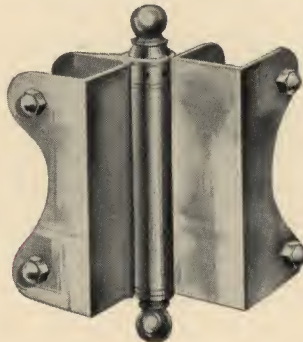
Polished Brass Metal, Nickel Plated
For Partitions With Hanging Stile



Type 2242
Single Acting
Adjustable
Clamp Flange

Per Pair
No. 2242, 4" flange . . . \$12.70
No. 2142, 3" flange . . . 10.60

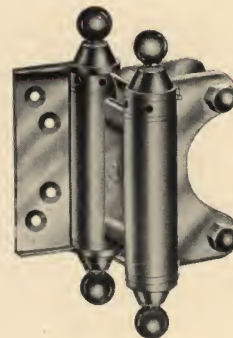
Can be supplied in cast metal, when so specified, without adjustable feature.



Type 2242A
Single Acting
Adjustable
Clamp Flanges

Per Pair
No. 2242A, 4" flange . . . \$15.40

Both clamp flanges adjustable. Can be supplied in cast metal, when so specified, without adjustable feature.



Type 2241
Double Acting
Non-Adjustable
Clamp Flange

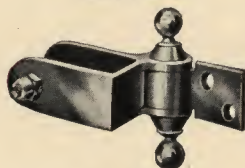
Per Pair
No. 2241, 4" flange . . . \$19.60
No. 2241A, 4" flange . . . 22.30

The No. 2241A is same as No. 2241, except it has two clamp flanges.

Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as "Reverse Acting." Always specify thickness of both hanging stile and door. (See note below.) These hinges are suitable for right or left-hand doors.

Lavatory Springless Hinges—For Use with Spring Hinges

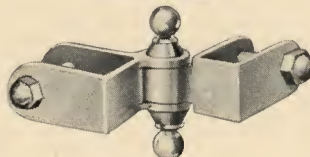
Adjustable
Clamp Flange



Type 2244

Per Set
No. 2242-2244 . . . \$10.60
No. 2244 . . . Per Pair 8.50

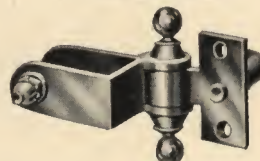
Adjustable
Clamp Flanges



Type 2244A

Per Set
No. 2242A-2244A . . . \$12.80
No. 2244A . . . Per Pair 10.20

Checking Hinge
To Hold Door Ajar

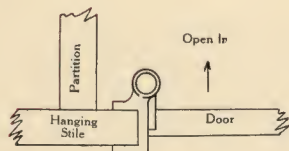


Type 2246

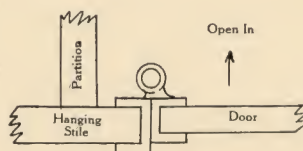
Per Set
No. 2242-2246 . . . \$12.70

If Single Acting Doors are narrow and light, a Spring and Springless Hinge can be used satisfactorily. If doors are heavy or equipped with pay locks, always use a pair of Spring Hinges.

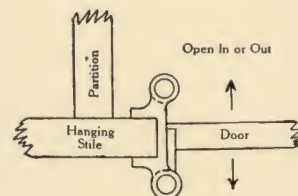
Application Detail



Type 2242-2244



Type 2242A-2244A



Type 2241

NOTE:—Always specify thickness of both partition and door.

Nos. 2242, 2142, 2242A, 2244, 2244A and 2246 have adjustable clamp flanges, and open head nuts on bolts, permitting adjustment of $\frac{1}{8}$ inch under and over the following sizes by which they are specified: 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., $1\frac{3}{4}$ in. and 2 in.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of hanging stile varies.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

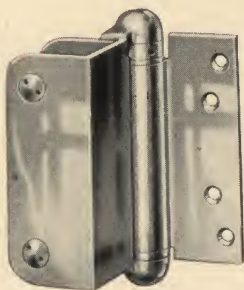
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.

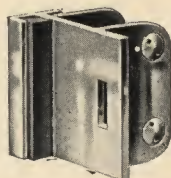
Telegraph code, page 52. Table of weights, page 60. Detail drawings, page 58. Description of finishes, page 6.

Lavatory Door Spring Hinges and Stops

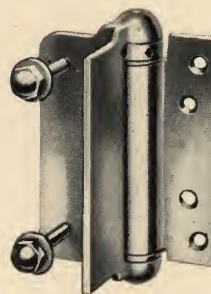
Polished Brass Metal, Nickel Plated
For Partitions With Hanging Stile
Cast Metal Type



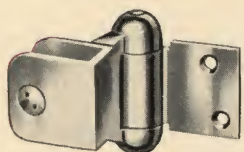
Type 22242
Adjustable
Clamp Flange



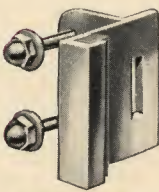
Type 11247F
Adjustable
Clamp Flange



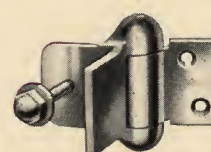
Type 22242 1/2
"L" Angle
Flange



Type 22244
Adjustable
Clamp Flange



Type 11247 1/2 F
"L" Angle
Flange



Type 22244 1/2
"L" Angle
Flange

No. 22242.....	Per Pair	\$16.50	No. 22242 1/2.....	Per Pair	\$13.40
No. 22244.....	" "	11.00	No. 22244 1/2.....	" "	9.00
No. 22242 x 22244.....	Per Set	13.80	No. 22242 1/2 x 22244 1/2.....	Per Set	11.20

Types 22242, 22242 1/2, 22244 and 22244 1/2 hinges have single thickness of metal between door and hanging stile, reducing gap between them and increasing privacy. The surfaces of the clamp flange on Types 22242 and 22244 are unbroken by joints, holes or screws, easily cleaned and of neat appearance. The clamp adjustment is concealed behind spring barrel.

Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as "Reverse Acting." These hinges are suitable for right or left-hand doors.

Always specify thickness of both hanging stile and door.

Clamp Flange Door Stops with Keepers

Cast Metal Type—Adjustable Clamp Flange

	Each
No. 11247A For Doors opening in, with keeper for No. 1248 bolt.....	\$3.20
No. 11247B For Doors opening out, with keeper for No. 1248 bolt.....	3.20
No. 11247C For Doors opening in, with keeper for No. 1242 or No. 1252 swing latch.....	3.50
No. 11247D For Doors opening in or out, with keeper for No. 1254 mortise bolt.....	3.20
No. 11247F For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	3.50

"L" Angle Flange Door Stops with Keepers

Cast Metal Type

	Each
No. 11247 1/2 A For Doors opening in, with keeper for No. 1248 bolt.....	\$3.00
No. 11247 1/2 B For Doors opening out, with keeper for No. 1248 bolt.....	3.00
No. 11247 1/2 C For Doors opening in, with keeper for No. 1242 or No. 1252 swing bolt.....	3.00
No. 11247 1/2 D For Doors opening in or out, with keeper for No. 1254 mortise bolt.....	3.00
No. 11247 1/2 F For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	3.00

Always specify thickness of both hanging stile and door.

Nos. 22242 and 22244 hinges also 11247A to F Door Stops have adjustable clamp flange providing adjustment of 1/16 inch under or over the following sizes: 1 in., 1 1/8 in., 1 1/4 in., 1 1/2 in., 1 5/8 in., 1 3/4 in., 1 7/8 in., 2 in.

The bumpers on Type 11247F and 11247 1/2 F Stops are part of "L" shaped bumper which laps around the partition on opposite side and relieves the strain on attaching bolts. Single thickness of metal between door and partition reduces gap between them.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

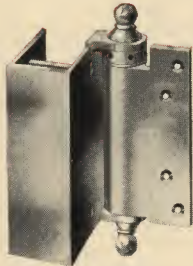
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed: Hinges, one pair or set in a box, with bolts and screws of same finish and tension adjuster; Stops, one in box with bolts of same finish.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

Lavatory Door Spring Hinges

Polished Brass Metal, Nickel Plated
For Partitions Without Hanging Stile
Non-adjustable Clamp Flanges



Type 2842
Single Acting
Right or Left Hand,
Doors opening in

Per Pair

No. 2842. 4-in.
flange.....\$15.10

For doors hung to a partition which has no hanging stile.

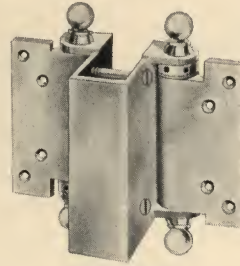
Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as "Reverse Acting." Always specify thickness of both partition and door.



Type 2742
Single Acting
Right or Left Hand,
Doors opening out

Per Pair

No. 2742. 4-in.
flange.....\$15.10

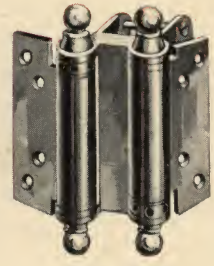


Type 2642
Single Acting
Doors opening in

Per Pair

No. 2642. 4-in.
flange.....\$21.80

For two doors hung right and left to the same partition without a hanging stile.



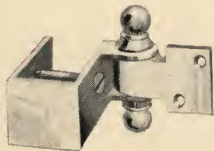
Type 2542
Single Acting
Doors opening out

Per Pair

No. 2542. 4-in.
flange.....\$21.80

Lavatory Springless Hinges

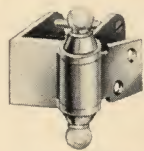
For Use With Spring Hinges



Type 2844

Per Set

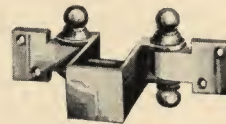
No. 2842-2844...\$12.60
No. 2844—Per Pair 10.10



Type 2744

Per Set

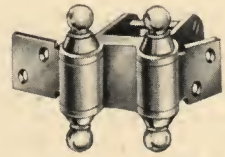
No. 2742-2744...\$12.60
No. 2744—Per Pair 10.10



Type 2644

Per Set

No. 2642-2644...\$18.20
No. 2644—Per Pair 14.60



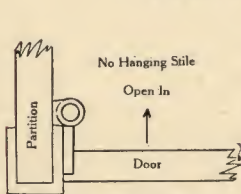
Type 2544

Per Set

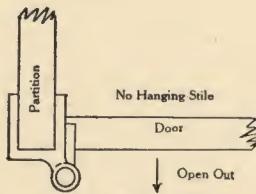
No. 2542-2544...\$18.20
No. 2544—Per Pair 14.60

If doors are narrow and light, a Spring and Springless Hinge can be used satisfactorily. If doors are heavy or equipped with pay locks, always use a pair of Spring Hinges.

Application Detail



Type 2842-2844



Type 2742-2744

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

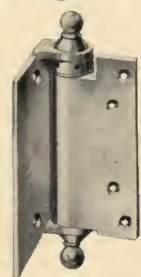
For Wall Application

Without Clamp Flange



Type F2224

No. F2222. 4-in. Flange...Per Pair \$10.90
No. F2222-F2224...Per Set 9.10
No. F2224...Per Pair 7.30

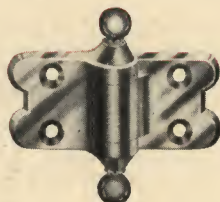


Type F2222

For application to a wall where a clamp flange cannot be used. Furnished with wood screws unless otherwise specified.

Lavatory Door Spring Hinges

Polished Brass Metal, Nickel Plated
Surface Type

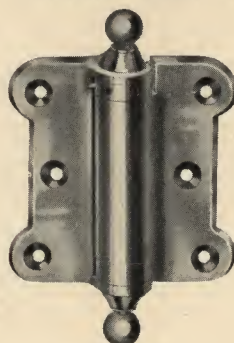


Type 2444

Single Acting Springless Hinge

No. 2442-2444.....Per Set \$10.30
No. 2444.....Per Pair 8.20

The Springless Hinge is used with a Spring Hinge on narrow and light doors.

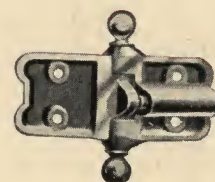


Type 2442

Single Acting Spring Hinge

No. 2442, 4" flange, Per Pair \$12.40
No. 2443, 3" flange, Per Pair 10.30

This hinge can be applied to partitions without hanging stile, if doors open in.



Type 2446

Single Acting Checking Hinge

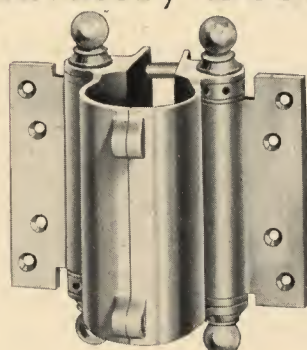
No. 2442-2446.....Per Set \$12.40
No. 2446.....Per Pair 12.40

The Checking Hinge holds the door ajar when it is not bolted shut.

These hinges are suitable for right or left hand doors. Furnished with wood screws, unless otherwise specified. If required for other than wood partitions, give details so that proper screws or bolts can be furnished.

Lavatory Door Spring Hinges for Pipe Standards

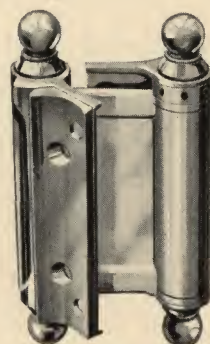
Polished Brass Metal, Nickel Plated



Type I2342DD

Yoke Type, Single Acting

Doors opening in Per Pair
No. I2342DD, 4-in flange...\$26.80
No. I2342DD-I2344DD, Per Set
Spring and Springless
Hinge.....\$22.30
Doors opening out Per Pair
No. O2342DD, 4-in. flange...\$26.80
No. O2342DD-O2344DD, Per Set
Spring and Springless
Hinge.....\$22.30
For two doors hung right and
left to the same pipe standard.



Type P2221

Double Acting

Right or Left Hand

Per Pair
No. P2221, 4-in. flange.....\$18.00

For doors hung to a pipe standard where pipe yoke is not desired. It is attached to the pipe with machine screws.



Type P2222

Single Acting

Right or Left Hand

Per Pair
No. P2222, 4-in flange.....\$11.10
No. P2222-P2224—Spring Per Set
and Springless Hinge.....\$9.30
For doors hung to a pipe standard where pipe yoke is not desired. It is attached to the pipe with machine screws.

Always specify exact outside diameter of pipe and thickness of door and partition when ordering.

Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as "Reverse Acting."

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

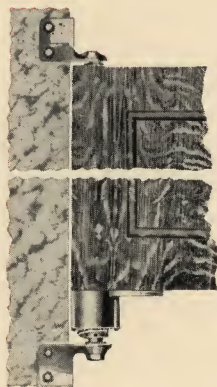
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.

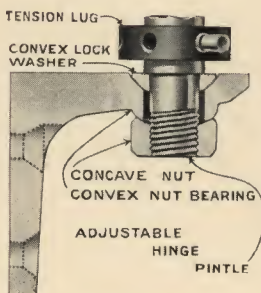
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

“Sagless” Lavatory Spring Pivot-Hinges

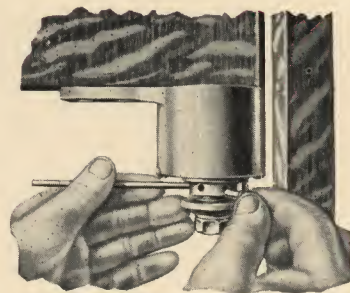
Single or Double Acting



Type C4227S
Surface Hinge



Alignment
Feature



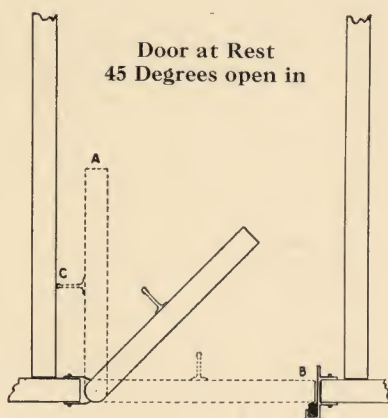
Exterior
Tension Adjustment

Checking Feature

Quiet Action—No Slam

An adjustable pintle permits setting the door to remain at rest 45 degrees open in. When installed in this manner the spring action from either a fully opened or closed position is not sufficient to cause the door to strike the partition or stop. The door, swinging from either an opened or closed position, meets resistance from the spring as soon as it passes the “Rest position” (45 degrees open in) and this checks the action of the door and prevents it striking the partition or stop.

It is easy and economical to apply Lavatory Stall Doors with Chicago Sagless Spring Pivot-Hinges so that they will operate as noiselessly as any door hung with more expensive checking hinges. The Type 4227 Series, with exterior tension adjustment, are particularly well suited for this type of application.



No Slam

A door released from position “A” will not strike at “B” nor will a door released from “B” swing beyond position “A” to cause the bumper to strike at “C.”

Expensive checking hinges accomplish no more and may require the expense of frequent adjustment and maintenance.

Alignment

An adjustable hinge pintle, with ball and socket alignment, permits aligning the pintle vertically with the top pivot. This gives free and easy movement of the door.

Use Sagless Lavatory Spring Pivot-Hinges. Save on original cost and also maintenance expense.

"Sagless" Lavatory Spring Pivot-Hinges

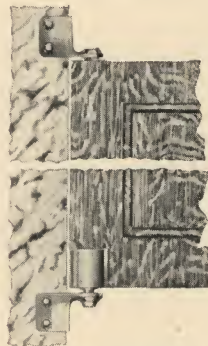
Polished Brass Metal, Nickel Plated
Ball-Bearing—Adjustable Clamp Flange
Single or Double Acting



Type C7227S
Surface Hinge



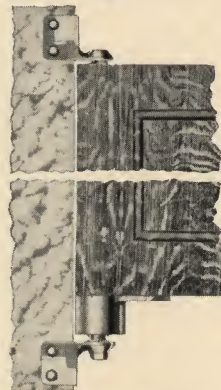
Attachment "C"



Type C7227M
Mortise Hinge



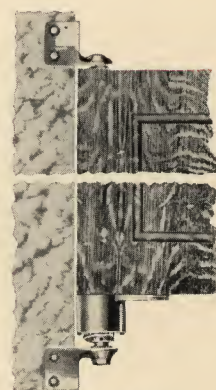
Attachment "CI"



Type C6227S
Surface Hinge



Attachment "P"



Type C4227S
Surface Hinge



Attachment "F"

Regular Adjustable Clamp Flange

C 7227S	\$12.70
C 7227M	12.70
C 6227S	12.70
C 6227M	12.70
C 4227S	14.00
C 4227M	14.00

Inverted Adjustable Clamp Flange

CI 7227S	\$12.70
CI 7227M	12.70
CI 6227S	12.70
CI 6227M	12.70
CI 4227S	14.00
CI 4227M	14.00

Concave Pipe Attachments

P 7227S	\$11.60
P 7227M	11.60
P 6227S	11.60
P 6227M	11.60
P 4227S	12.80
P 4227M	12.80

Flat Attachment Applied to Surface of Jamb

F 7227S	\$10.80
F 7227M	10.80
F 6227S	10.80
F 6227M	10.80
F 4227S	11.90
F 4227M	11.90

Type 4227 Series

These hinges are specially suited for heavy duty on dwarf double acting doors or single acting doors set to remain at rest, 45 degrees open in, as suggested on page 32. In addition to the important features of the other sagless lavatory hinges, they have an exterior tension adjustment, which may be adjusted after the hinges have been applied. This feature is exclusive with this type of hinge.

Type 7227 Series

These hinges are recommended for lavatory stall doors. Being of the pivot type, the doors cannot sag. The body, of small diameter, presents a neat and pleasing appearance when applied to the door. An adjustable pintle permits aligning the door after it has been hung, also setting it to remain at rest in any desired position.

Type 6227 Series

We recommend these hinges for double action dwarf lavatory vestibule doors or heavy doors on lavatory stalls. They are of the same general design as the various types of 7227 hinges described above but have greater spring power.

The clamp attachments illustrated have an adjustable side plate with open head nuts on bolts, permitting adjustment $\frac{1}{8}$ inch under and over the following sizes by which they are specified:—1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., $1\frac{3}{4}$ in., and 2 in. The attachments are made so that the adjustable side plate can be located on the inside of the partition, on either right or left hand doors.

These Pivot-Hinges hang the door in the center of the edge of the partition.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of partition varies.

Always specify thickness of both partition and door or outside diameter of pipe and thickness of door. Specify if to be used double or single acting, so proper tension will be applied to the spring.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

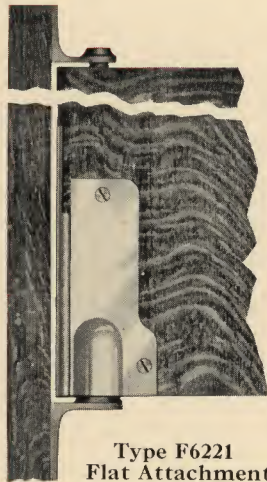
Packed one set in a box, with bolts and screws of same finish.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

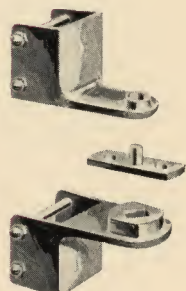
Chicago Lavatory Spring Pivot-Hinges

Polished Brass Metal, Nickel Plated

Ball-Bearing



Type F6221
Flat Attachment



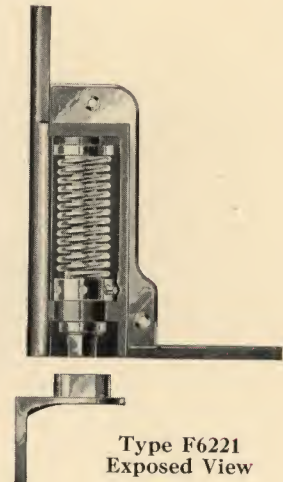
Attachment "C"



Attachment "P"

Type 6221 Attachments

Adjustable Tension
Single Acting or Double Acting
For Doors $1\frac{1}{8}$ to $1\frac{1}{2}$ In. Thick



Type F6221
Exposed View

No. C6221.	With Clamp Flange Attachment.....	Per Set	\$13.90
No. P6221.	With Concave Pipe Attachment.....	" "	12.80
No. F6221.	With Flat Attachment applied to Surface of Jamb.....	" "	12.00
No. FR6221.	With Flat Attachment applied to Surface of Jamb. (Axis of hinge located so jamb edge of door swings in concave recess in jamb).....	" "	12.00

Always specify thickness of both partition and door. Specify outside diameter of pipe.

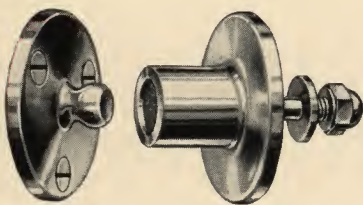
Description, Type 6221

This Spring Pivot-Hinge may be used either single or double acting. It is designed to allow space for a powerful spring and has a tension adjustment to adapt it to light or heavy doors. It is mortised into the door and has side plates to cover the mortise cut. The weight of the door is carried on ball-bearings. The pintle of the hinge is held rigidly in the bottom bracket and the door cannot get out of alignment when in use. It is constructed so the pintle of the hinge may be set in the bottom bracket in any one of five positions, thereby holding the door, when at rest, in closed position, 45 or 90 degrees open (right or left). This pivot type hinge is very desirable for wide or heavy double acting doors as the spring does not carry the weight of the door and a light tension may be used without the door sagging.

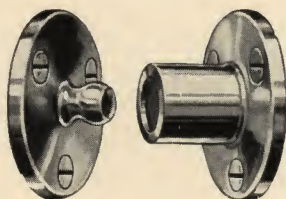
Packed one set in a box, with bolts and screws of same finish.

Lavatory Door Stops and Bumpers

Polished Brass Metal, Nickel Plated



Type 1138 Door Bumper
For Marble or Slate Partition
Specify Thickness of Partition
Each \$3.30



Type 1139
Door Bumper
For Wood Partition
Each \$2.90



Type 1245 $\frac{1}{2}$ A Door Stop
For Wood Partition
(Specify Thickness of Door and Partition and whether to be cut for No. 1244 or No. 1248 Bolt)
Each \$2.50

These door bumpers have a rubber cushion.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

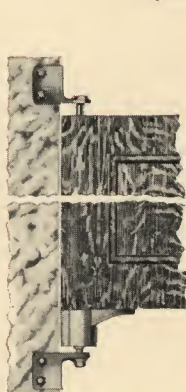
For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

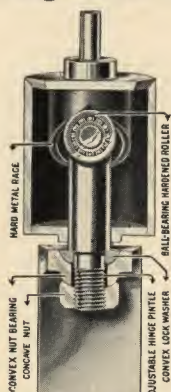
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

Chicago Lavatory Gravity Pivot-Hinges

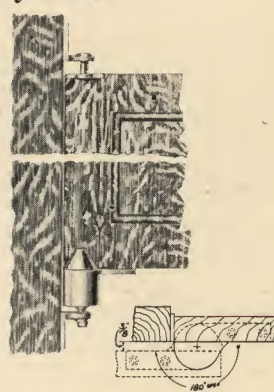
Polished Brass Metal, Nickel Plated
Adjustable Clamp Flange—Ball-Bearing Gravity Roller



Type C47227S—Single or Double Acting



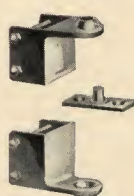
Type C47227S—Exposed View



Type F47228S—Single Acting



Type "C" Attachment
C47227S \$12.70



Type "CI" Attachment
CI47227S \$12.70



Type "P" Attachment
P47227S \$11.60



Type "F" Attachment
F47227S \$10.80

Clamp attachments are reversible for either right or left hand doors opening in or out.

The door will be in the center of edge of partition.

These hinges are recommended for lavatory stall doors where specifications require a gravity type hinge but in our opinion a gravity type hinge is not as adaptable to varying conditions and requirements as a spring hinge, especially one of the Type 4227 series, with exterior tension adjustment.

Types C & CI47227S gravity hinges have an adjustable clamp flange and are supplied with open head nuts on bolts, thereby permitting adjustment of $\frac{1}{8}$ -inch under and over the following sizes by which they are specified: 1 in., $1\frac{1}{4}$ in., $1\frac{1}{2}$ in., $1\frac{3}{4}$ in., and 2 in.

These hinges can be supplied to meet U. S. Government specifications. Prices on request.

Always specify thickness of both partition and door or outside diameter of pipe and thickness of door.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

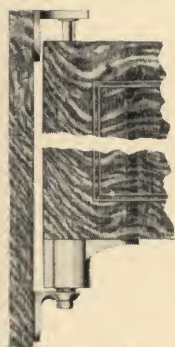
Telegraph code, page 52.

Type F47228S—Single Acting

No. F47228S (Specify hinges for right or left hand door and whether opening in or out).....\$16.20

This single acting hinge is suitable for dwarf louver doors, similar to those used in hospital room doorways to obstruct vision. It can be adjusted so that when the door is opened 180 degrees it will hold open in that position. This permits the unobstructed use of the doorway when desired. For lavatory stall doors we recommend the Type C47227S which is suitable for either single or double acting doors.

Chicago Gate Gravity Pivot-Hinges



Type 47007

IRON METAL POLISHED		No.	U. S. Standard Finish Symbol	PRICES PER SET
Dead Black (Unpolished).....	Japanned	47007	US1D	\$ 3.90
Brass, Dull.....	Plated	47287	US4	5.80
Nickel, Bright.....	"	47217	US14	6.90
Brass, Oxidized, Sanded.....	"	47187OB	US6	6.90
BRASS OR BRONZE METAL, POLISHED				
Brass Metal, Bright.....		47057	US3	9.70
Bronze Metal, Bright.....		47047	US9	9.70
Brass Metal, Bright Nickel.....	Plated	47227	US14	10.80

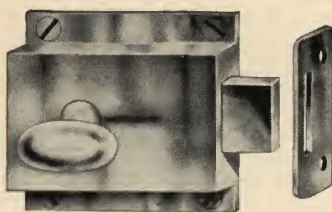
These hinges can be supplied to meet U. S. Government Specifications. Prices on request. We recommend Sagless Spring Pivot-Hinges, especially Type 4007, as quieter and more adaptable to varying conditions.

Packed one set in a box with bolts or screws of same finish.

Table of weights, page 60. Description of finishes, page 6.

Lavatory Door Bolts, Latches and Indicators

Polished Brass Metal, Nickel Plated
Door Stops are Illustrated on Pages 37 and 38

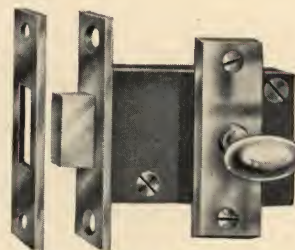


Type 1250K Rim Bolt

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
| No. 1250, Without Keeper..... | Each | \$2.90 |
| No. 1250K, With Keeper..... | " | 3.00 |
| No. 1250K-1258, With Keeper & Indicator...Set | | 4.40 |
| No. 1250-1247 F or G, With Door Stop..... | " | 5.80 |
| No. 1250-1247 F or G-1258..... | " | 7.20 |
| No. 1256, Same as above, but with "T" Handle.
Case $2\frac{1}{2} \times 2\frac{5}{8}$ ". Bolt $\frac{7}{8} \times \frac{1}{4}$ ".
Face to Center of Knob $1\frac{5}{8}$ ". | | |

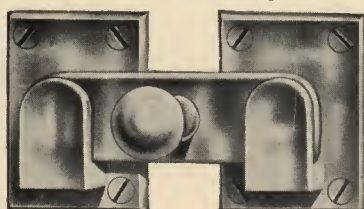


Type 1258 Indicator
Diameter $2\frac{1}{2}$ ins.



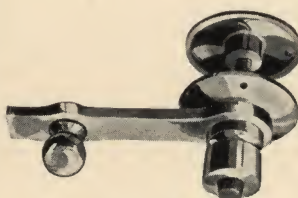
Type 1254K Mortise Bolt

- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
| No. 1254, Without Keeper..... | Each | \$2.90 |
| No. 1254K, With Keeper..... | " | 3.00 |
| No. 1254K-1258, With Keeper & Indicator...Set | | 4.40 |
| No. 1254-1247D, With Door Stop..... | " | 5.70 |
| No. 1254-1247D-1258..... | " | 7.10 |
| Case $1\frac{5}{8} \times 2\frac{5}{8} \times \frac{7}{16}$ ". Front $3 \times \frac{5}{8}$ ".
Bolt $\frac{7}{8} \times \frac{1}{4}$ ". Face to Center of Knob $1\frac{5}{8}$ ". | | |



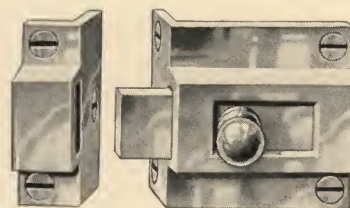
**Type 1242K and 1252K
Swing Latch**

- | | | |
|------------------------------------------------------------------------------------------------------|------|--------|
| No. 1242, Without Keeper.. | Each | \$2.90 |
| No. 1242K, With Keeper.. | " | 3.70 |
| No. 1242-1247C, With
Door Stop..... | Set | 5.80 |
| Plates $2 \times 1\frac{5}{8}$ ". Latch Bar $\frac{7}{8} \times 3\frac{1}{4} \times \frac{3}{16}$ ". | | |
| No. 1252, Without Keeper.. | Each | \$4.30 |
| No. 1252K, With Keeper.. | " | 5.30 |
| No. 1252-1247C..... | Set | 7.20 |
| Plates 2×2 ". Latch Bar $4 \times 1\frac{1}{8} \times \frac{1}{4}$ ". | | |



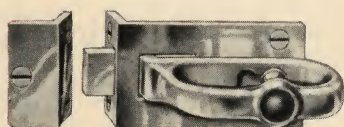
**Type 1260
Government Type
Swing Latch**

- | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|------|--------|
| No. 1260, Without
Keeper..... | Each | \$5.00 |
| (For right or left hand doors) | | |
| No. 1260-1247C,
With Door Stop.... | Set | \$7.90 |
| This is Approved Government
Type Latch.
Disc $1\frac{3}{4}$ " dia.
Bar $3\frac{1}{16} \times 1\frac{1}{16} \times \frac{3}{16}$ ". | | |



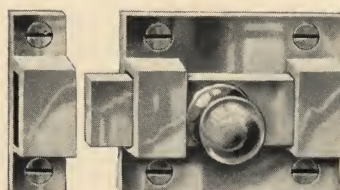
**Type 1236K
Slide Bolt**

- | | | |
|-----------------------------------------------------------------------------------------------------------|------|--------|
| No. 1236, Without Keeper.. | Each | \$2.50 |
| No. 1236K, With Keeper.. | " | 2.70 |
| No. 1236-1247 F or G,
With Door Stop..... | Set | 5.40 |
| Plate $2 \times 2 \times \frac{3}{4}$ ". Bolt Bar $\frac{3}{4} \times 2\frac{1}{2} \times \frac{1}{4}$ ". | | |
| *No. 1238, Without Keeper.. | Each | \$2.30 |
| No. 1238K, With Keeper.. | " | 2.50 |
| No. 1238-1247 F or G..... | Set | 5.20 |
| Plate 2×2 ". Bolt Bar $\frac{3}{4} \times 2\frac{1}{2} \times \frac{1}{4}$ ". | | |
| *Same as Type 1236, but without
face plate. | | |



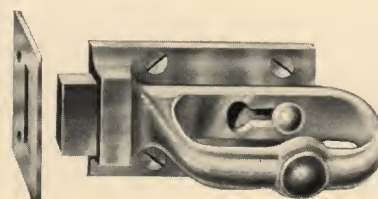
Type 1248K Half Mortise Bolt

- | | | |
|--------------------------------------------------------------------------------------------------|------|--------|
| No. 1248, Without Keeper.. | Each | \$3.70 |
| No. 1248K, With Keeper.. | " | 3.80 |
| No. 1248-1247 A or B,
With Door Stop..... | Set | 6.50 |
| Plate $1\frac{5}{8} \times 3 \times \frac{3}{4}$ ". Bolt Bar $\frac{5}{8} \times \frac{1}{4}$ ". | | |
| This Bolt serves as a Door Pull and
Bumper. | | |



Type 1240K Slide Bolt

- | | | |
|-------------------------------------------------------------------|------|--------|
| No. 1240, Without
Keeper..... | Each | \$4.80 |
| No. 1240K, With
Keeper..... | " | 5.10 |
| No. 1240-1247 F or G Set | | 7.70 |
| Plate $2\frac{1}{2} \times 3$ ". | | |
| Bolt Bar $\frac{7}{8} \times 3\frac{1}{2} \times \frac{5}{16}$ ". | | |



Type 1244K Slide Bolt

- | | | |
|--------------------------------------------------------------------------------------|------|--------|
| No. 1244, Without Keeper.. | Each | \$3.70 |
| No. 1244K, With Keeper.. | " | 3.80 |
| No. 1244-1247 F or G,
With Door Stop..... | Set | 6.60 |
| Plate $1\frac{5}{8} \times 2\frac{7}{8}$ ". Bolt $\frac{3}{4} \times \frac{1}{4}$ ". | | |
| This Bolt serves as a Door Pull and
Bumper. | | |

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.
For Oxidized finishes add 10% to list price.
For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed complete with screws of same finish.

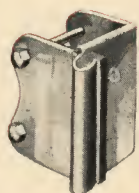
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

Lavatory Door Stops and Keepers

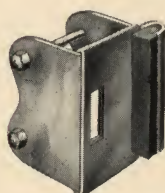
Polished Brass Metal, Nickel Plated

For Partitions with Hanging Stile—Right or Left Hand

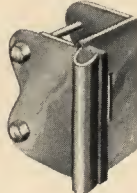
For Use with Butt-Hinges, Single Acting



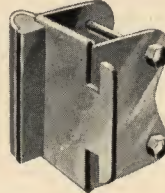
Type 1247



Type 1247A



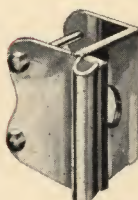
Type 1247B



Type 1247C



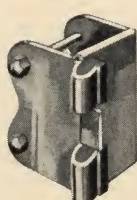
Type 1247D



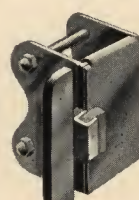
Type 1247E



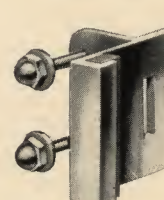
Type 1247F



Type 1247G



Type 1247H



Type 11247 1/2 F

Clamp Flange Type

Door Stops illustrated above are intended for doors hung with butt-hinges (For example No. 2242), and with the surface of the door flush with partition on same side as hinge axis.

	Each
No. 1247 For Doors opening in or out, without bolt hole.....	\$2.50
No. 1247A For Doors opening in, with keeper for No. 1248 bolt.....	2.80
No. 1247B For Doors opening out, with keeper for No. 1248 bolt.....	2.80
No. 1247C For Doors opening in, with keeper for No. 1242 or No. 1252 swing latch.....	2.90
No. 1247D For Doors opening in or out, with keeper for No. 1254 mortise bolt.....	2.80
No. 1247E For Doors opening in or out, with round bolt hole.....	2.80
No. 1247F For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	2.90
No. 1247G For Doors opening out, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	2.90
No. 1247H For Doors opening out, with keeper for No. 1242 or No. 1252 swing latch.....	2.90

Numbers 1247 to 1247H, inclusive, have adjustable clamp flanges and open head nuts on bolts, permitting adjustment of 1/8 in., under and over the following sizes by which they are specified:—1 in., 1 1/4 in., 1 1/2 in., 1 3/4 in., and 2 in.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of partition varies.

If No. 1247C or No. 1247H is specified "Right Hand" or "Left Hand," only the top half of keeper is slotted. To determine hand of door, see page 2.

L Angle Flange Type

	Each
No. 11247 1/2 A, B, C, D and F (Indicate bolt hole to be provided, by affixing letter in accordance with above list).....	\$3.00

Lavatory Door Stops and Keepers

For Use with Pivot-Hinges, Single Acting

Clamp Flange Type

Door Stops listed below are intended for doors hung with pivot-hinges (For example No. C4227S) and with the door hung in the center of the edge of the partition.

	Each
No. 1447 For Doors opening in or out, without bolt hole.....	\$2.50
No. 1447A For Doors opening in, with keeper for No. 1248 bolt.....	2.80
No. 1447B For Doors opening out, with keeper for No. 1248 bolt.....	2.80
No. 1447C For Doors opening in, with keeper for No. 1242 or No. 1252 swing latch.....	2.90
No. 1447D For Doors opening in or out, with keeper for No. 1254 mortise bolt.....	2.80
No. 1447E For Doors opening in or out, with round bolt hole.....	2.80
No. 1447F For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	2.90
No. 1447G For Doors opening out, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	2.90
No. 1447H For Doors opening out, with keeper for No. 1242 or No. 1252 swing latch.....	2.90

Numbers 1447 to 1447H, inclusive, have adjustable clamp flanges and open head nuts on bolts, permitting adjustment of 1/8 in., under and over the following sizes by which they are specified:—1 in., 1 1/4 in., 1 1/2 in., 1 3/4 in., and 2 in.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of partition varies.

If No. 1447C or No. 1447H is specified "Right Hand" or "Left Hand," only the top half of keeper is slotted. To determine hand of door, see page 2.

Always specify thickness of both Partition and Door.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

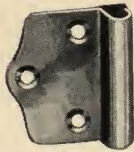
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed complete with bolts of same finish.

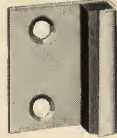
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

Miscellaneous Lavatory Door Stops and Keepers

Polished Brass Metal, Nickel Plated
Door Bolts and Latches are Illustrated on Page 36
For Application to Wood Partitions



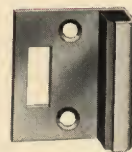
Type 1243



Type 1245



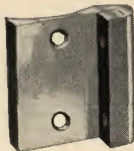
Type 1345C



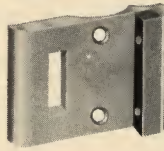
Type 1345F

No. 1243	Applied to surface of door flush with partition.....	Each	\$0.80
No. 1245	Applied to edge of door or partition.....		.80
No. 1345C	With Keeper for Swing Latch. For doors opening in.....		1.70
No. 1345F	With Keeper for Rim or Slide Bolt. For doors opening in.....		1.70
Specify height and width of bolt bar for items with keeper. Packed complete with wood or machine screws as specified.			

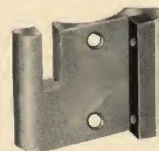
For Application to Pipe Standards



Type 1241



Type 1241F



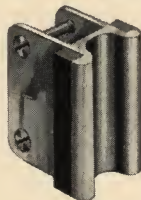
Type 1241C

No. 1241	Applied to pipe standard with machine screws.....	Each	\$1.70
No. 1241F	With Keeper for Rim or Slide Bolt. Doors open in.....		2.20
No. 1241C	With Keeper for Swing Latch. Doors open in. (Specify hand of door, see Page 2).....		2.20
Always specify outside diameter of pipe and thickness of door. Also specify height and width of bolt bar for items with keeper. Packed complete with wood or machine screws as specified.			

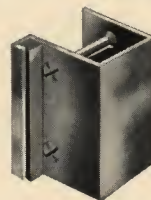
For Partitions without Hanging Stile—Single Acting Doors



Type 1253



Type D1253



Type 1251



Type D1251

No. 1253	For Doors opening in, Single door.....	Each	\$3.10
*No. 1253	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....		3.50
No. D1253	For Doors opening in. Doors hung right and left to same partition.....		3.80
*No. D1253	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....		4.50
No. 1251	For Doors opening out, Single door.....		3.10
*No. 1251	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....		3.50
No. D1251	For Doors opening out. Doors hung right and left to same partition.....		3.80
*No. D1251	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....		4.50

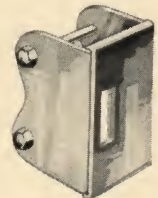
*Always specify Number of Bolt, so proper cut will be made in door stop.

For Partitions with Hanging Stile—Double Acting Doors

No. 1347A	For Double Acting Doors, with keeper for No. 1248 bolt.....	Each	\$2.50
No. 1347C	For Double Acting Doors, with keeper for No. 1242 or No. 1252 latch.....		2.50
No. 1347D	For Double Acting Doors, with keeper for No. 1254 bolt.....		2.50
No. 1347E	For Double Acting Doors, with keeper for round bolt.....		2.50
No. 1347F	For Double Acting Doors, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....		2.50

These Keepers are for double acting doors, therefore it is not necessary to specify if doors open in or out. The keepers are suitable for right or left-hand doors.

Always specify Number of Bolt, so proper cut will be made in door stop.



Type 1347A

Always specify thickness of both partition and door.

Single Acting Doors will always be considered as flush with partition on side where axis of hinge is located, unless otherwise specified.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed complete with bolts of same finish.

Telegraph code, pages 52, 53. Table of weights, page 60. Description of finishes, page 6.

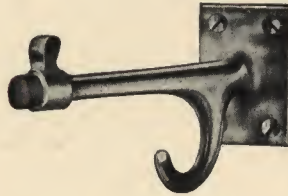
Lavatory Door Accessories

Polished Brass Metal, Nickel Plated



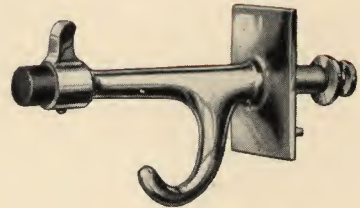
**Type 1231
Door Pull**

Bases $\frac{5}{8}$ x $1\frac{1}{8}$ ". Length $4\frac{1}{2}$ ".
No. 1231..... Each \$0.70



**Type 1233
Hook and Bumper**

Base $1\frac{1}{2}$ x 2". Projection $3\frac{3}{4}$ ".
For Lavatory Stall Doors.
No. 1233..... Each \$1.60



**†Type 1234
Hook and Bumper**

Base $1\frac{1}{2}$ x 2". Projection $3\frac{3}{4}$ ".
For Door or Partition—Specify
Thickness.
No. 1234..... Each \$1.90

†Same design and size as No. 1233, except spindle projects through door or partition and is fastened with one screw and washer. A projecting dowel prevents it from turning.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Fastenings

(Bolts, Nuts and Washers)

Polished Brass Metal, Nickel Plated



Type 60



Type 80



Type 100



Type OS110



Type 160



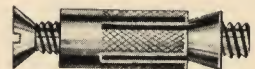
Type O160



Type 5



Type 140



Type 114

No.	Description	PRICE PER HUNDRED	
		Nickel Plated Brass Metal	Chromium Plated Brass Metal
*Type 60	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type 160 Nut.....	\$ 9.30	\$15.90
*Type O60	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type O160 Nut.....	9.30	15.90
*Type 80	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type 160 Nut and Type 5 Washer.....	10.90	17.60
*Type OS80	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type O160 Nut and Type 5 Washer.....	10.90	17.60
*Type 100	Screws (flat head slotted) $\frac{1}{4}$ -20 x $\frac{1}{2}$ in. Sleeve $\frac{3}{8}$ x $\frac{7}{8}$ in.....	16.00	22.00
*Type OS110	Screws (oval head spanner) $\frac{1}{4}$ -20 x $\frac{1}{2}$ in. Sleeve $\frac{3}{8}$ x $\frac{7}{8}$ in.....	20.30	25.30
Type 160	Cap Nut (closed) $\frac{1}{4}$ -20 thread.....	2.50	5.80
Type O160	Cap Nut (open) $\frac{1}{4}$ -20 thread.....	2.50	5.80
Type 5	Flat Washer, $\frac{3}{4}$ in. diam., $\frac{1}{4}$ in. hole.....	1.60	5.00
Type 15	Countersunk Washer, $\frac{3}{4}$ in. diam., $\frac{1}{4}$ in. hole.....	5.20	7.50
Type 140	Lead Anchor with brass wood screw 14 x $1\frac{1}{4}$	11.00	14.00
Type 114	Expansion Sleeve, $\frac{3}{4}$ in. long, with brass machine screw $\frac{1}{4}$ -20 x $1\frac{1}{4}$ in.....	13.50	16.50
Type 90	Steel Toggle head only, $\frac{1}{4}$ -20 thread, unfinished.....	\$11.50	

*For each additional $\frac{1}{4}$ in. greater than $1\frac{1}{4}$ in. between faces of nuts or face of nut and screw add \$0.50 net per hundred. This same addition applies to sleeves over $\frac{7}{8}$ in. long.

Unless otherwise specified, our lavatory door equipment will be supplied with type of bolt illustrated and size of bolt that is our standard.

Telegraph code, page 53. Description of finishes, page 6.

Double Acting—For Gates or Dwarf Doors—Ball-Bearing—Alignment Feature



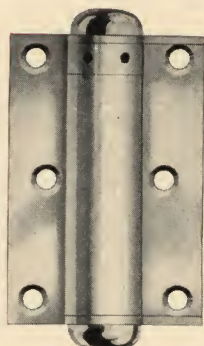
Same design as Type 6007, except it is smaller and has less spring power.

IRON POLISHED (Description of Finishes, Page 6)	U. S. Standard Finish Symbol	Type 4007 or Type 4007M-RB		Type 6007 or Type 6007M-RB	
		No.	Price Per Set	No.	Price Per Set
Dead Black (Unpolished) Japanned	US1D	4007	\$4. 30	6007	\$3. 90
Brass, Bright Plated	US3	4117	6. 40	6117	5. 80
Brass, Dull "	US4	4287	"	6287	"
Brass, Oxidized, Dull "	US5	4277	"	6277	"
Bronze, Bright "	US9	4137	"	6137	"
Bronze, Dull "	US10	4297	"	6297	"
Bronze, Oxidized, Dull "	US11	4237	"	6237	"
Statuary Bronze "	US20	4317	"	6317	"
Copper, Oxidized, Bright "	US8	4177	"	6177	"
*Zinc, Dull (Galvanized) "	US2G	4397	"	6397	"
Nickel, Bright "	US14	4217	7. 60	6217	6. 90
Nickel, Dull "	US15	4027	"	6027	"
Nickel, Sanded "	US16	4187N	"	6187N	"
Brass, Oxidized, Sanded "	US6	4187OB	"	6187OB	"
Bronze, Oxidized " "	US12	4187OBZ	"	6187OBZ	"
Statuary Bronze, " "	US21	4187SB	"	6187SB	"
Dull Black (Ox'd), " "	US19	4167	"	6167	"
Bower Barff. "	US18	4127	8. 40	6127	7. 60
Chromium, Bright Plated	US26	4997	See note	6997	See note
Chromium, Dull "	US26D	4987	"	6987	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)		No.		No.	
Brass Metal, Bright	US3	4057	\$10. 70	6057	\$ 9. 70
Bronze " "	US9	4047	"	6047	"
Brass " Dull	US4	4077	11. 90	6077	10. 80
Brass " Oxidized, Dull	US5	4197	"	6197	"
Bronze " Dull	US10	4067	"	6067	"
Bronze " Oxidized, Dull	US11	4257	"	6257	"
Bronze " Statuary	US20	4367	"	6367	"
Brass " Ox'd Copper Plated	US8	4097	"	6097	"
Brass " Bright Nickel	US14	4227	"	6227	"
Brass " Dull Nickel	US15	4267	"	6267	"
Brass " Nickel, Sanded "	US16	4387N	"	6387N	"
Brass " Oxidized, Sanded	US6	4387OB	"	6387OB	"
Bronze " " "	US12	4387OBZ	"	6387OBZ	"
Bronze " Statuary, Sanded	US21	4387SB	"	6387SB	"
Brass " Bright Chromium. Plated	US26	4407	See note	6407	See note
Brass " Dull Chromium.	US26D	4427	"	6427	"

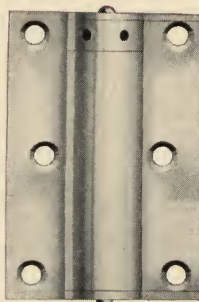
The Type 7007 hinge is the same general design as the Type 6007, except that it is smaller and has less spring power. List prices for Type 7007 finishes are the same as for Type 6007 finishes. Finish numbers correspond except for first digit.

Telegraph code, page 53. Table of weights, page 60. Detail drawings with measurements, page 59.

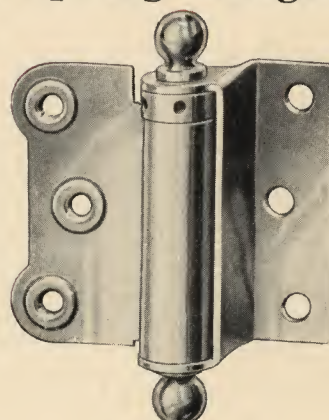
Chicago Cabinet and Refrigerator Spring Hinges



Type 6005
Size 3 x 2 In.



Type 5005
Size 3 x 2 In.



Type 14005
Size 3 x 3/4 In. with 3/8 In. Offset

STEEL PLANISHED (Description of Finishes, Page 6)	U. S. Standard Finish Symbol	Type 6005		Type 5005		Type 14005	
		No.	Price per Pr.	No.	Price per Pr.	No.	Price per Pr.
Dead Black.....Japanned	US1D	6005	\$1.40	5005	\$1.20	14005	\$1.60
Brass, Bright.....Plated	US3	6115	1.80	5115	1.60	14115	2.00
Brass, Dull....."	US4	6285	"	5285	"	14285	"
Brass, Oxidized, Dull....."	US5	6275	"	5275	"	14275	"
Bronze, Bright....."	US9	6135	"	5135	"	14135	"
Bronze, Dull....."	US10	6295	"	5295	"	14295	"
Bronze, Oxidized, Dull....."	US11	6235	"	5235	"	14235	"
Statuary Bronze....."	US20	6315	"	5315	"	14315	"
Copper, Oxidized, Bright....."	US8	6175	"	5175	"	14175	"
*Zinc, Dull (Galvanized)....."	US2G	6395	"	5395	"	14395	"
Nickel, Bright....."	US14	6215	2.40	5215	2.10	14215	2.60
Nickel, Dull....."	US15	6025	"	5025	"	14025	"
Nickel, Sanded....."	US16	6185N	"	5185N	"	14185N	"
Brass, Oxidized, Sanded....."	US6	6185OB	"	5185OB	"	14185OB	"
Bronze, "....."	US12	6185OBZ	"	5185OBZ	"	14185OBZ	"
Statuary Bronze, "....."	US21	6185SB	"	5185SB	"	14185SB	"
Dull Black (Oxidized), Sanded....."	US19	6165	"	5165	"	14165	"
Chromium, Bright....."	US26	6995	Price on Appl'n	5995	Price on Appl'n	14995	Price on Appl'n
Chromium, Dull....."	US26D	6985		5985		14985	
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)		No.		No.		No.	
Brass Metal, Bright.....	US3	6055	\$3.70	5055	\$3.30	14055	\$4.00
Bronze "....."	US9	6045	"	5045	"	14045	"
Brass " Dull....."	US4	6075	4.20	5075	3.70	14075	4.50
Brass " Oxidized, Dull....."	US5	6195	"	5195	"	14195	"
Bronze " Dull....."	US10	6065	"	5065	"	14065	"
Bronze " Oxidized, Dull....."	US11	6255	"	5255	"	14255	"
Bronze " Statuary....."	US20	6365	"	5365	"	14365	"
Brass " Bright Nickel.....Plated	US14	6225	"	5225	"	14225	"
Brass " Dull Nickel....."	US15	6265	"	5265	"	14265	"
Brass " Oxidized, Sanded....."	US6	6385OB	"	5385OB	"	14385OB	"
Brass " Bright Chromium.....Plated	US26	6405	See note	5405	See note	14405	See note
Brass " Dull Chromium....."	US26D	6425	" "	5425	" "	14425	" "

Type 6005 and 5005 Chicago Cabinet Door Spring Hinges are specially suitable for small doors on cabinets, display cases and lockers or other doors having a stile as narrow as one inch.

Type 14005 Chicago Refrigerator Spring Hinges are designed for refrigerator or other doors requiring a hinge with 3/8 inch offset. They can be supplied with different offsets on special order. Information regarding other Types of Refrigerator Spring Hinges and Cooler Door Closers will be sent on request.

The springs, which operate these hinges, are made of the best tempered steel wire, are enclosed to protect them against moisture, and present a neat appearance. A tension adjustment is provided for regulating the action of the spring.

When so ordered, these hinges will be furnished with reverse acting springs to hold the door open.

*For plated finishes on Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box with screws of same finish and tension adjuster.

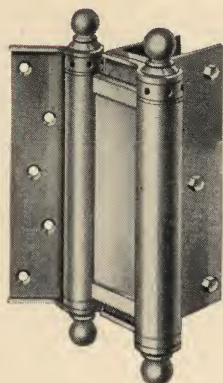
In ordering always state "Number."

Telegraph code, page 53. Table of weights, page 60.

Chicago "Triplex" Clamp-Flange Spring Hinges

Double Acting Type 12001

For Metal Covered Doors



Type 12001

Length of Flange			INCHES		
			8	10	12
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR		
Dead Black.....Japanned	12001	US1D	\$18.00	\$24.70	\$31.10
Primed.....For Painting	12011	USP	"	"	"
Brass, Bright.....Plated	12111	US3	24.30	33.30	42.00
Brass, Dull....."	12281	US4	"	"	"
Bronze, Bright....."	12131	US9	"	"	"
Bronze, Dull....."	12291	US10	"	"	"
*Zinc, Dull (Galvanized)....."	12391	US2G	"	"	"
Nickel, Bright....."	12211	US14	28.80	39.40	49.80

Specification Schedule

Length of Flanges	†Thickness of Door	Depth of Clamp	Width of Door Stile Not Less Than	Bolts for Clamp Flange
8 inches	1½ to 1¾ in.	3 inches	3⅝ inches	5—¼ inch
10 inches	1¾ to 2 in.	3 inches	3⅝ inches	5—⅝ inch
12 inches	2 to 2½ in.	4 inches	4¾ inches	5—⅝ inch

†Always state exact thickness of door.
Use the largest size hinge which the thickness of door will allow.

The Chicago "Triplex" Clamp-Flange Spring Hinge has been designed for use on heavy metal covered doors. The clamp flange is attached to the door with five through bolts and provides a secure method of attaching the hinge to this type of door.

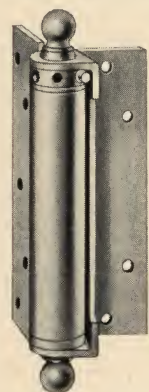
If doors are extra heavy or subject to frequent use, it is better to use three hinges to a door.
Flat head machine screws will be furnished for applying jamb flange unless wood screws are specified.

For Doors without Hanging Strip, Type 19001

For doors to be hung without a hanging strip, use the "Simplex" Clamp-Flange Spring Hinge.
This hinge is made in 8 and 10 inch sizes at the same prices as the "Triplex" Clamp-Flange Spring Hinge.

Spring Hinges with Two Clamp Flanges, Type 22001

The "Triplex" Spring Hinge can be furnished with two clamp flanges for use where hanging strip of sufficient width is provided. Price will be quoted on application.



Type HS2002

Chicago "Triplex" Half Surface Spring Hinges

Single Acting Type HS2002

For Metal Covered Doors

Length of Flange			INCHES		
			4	6	7
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR		
Dead Black.....Japanned	HS2002	US1D	\$3.40	\$4.80	\$6.10
Primed.....For Painting	HS2012	USP	"	"	"
Brass, Bright.....Plated	HS2112	US3	4.50	6.70	8.60
Brass, Dull....."	HS2282	US4	"	"	"
Brass, Oxidized, Dull....."	HS2272	US5	"	"	"
Bronze, Bright....."	HS2132	US9	"	"	"
Bronze, Dull....."	HS2292	US10	"	"	"
Bronze, Oxidized, Dull....."	HS2232	US11	"	"	"
Statuary Bronze....."	HS2312	US20	"	"	"
Copper, Oxidized, Bright....."	HS2172	US8	"	"	"
*Zinc, Dull (Galvanized)....."	HS2392	US2G	"	"	"
Nickel, Bright....."	HS2212	US14	5.80	8.60	11.10
Nickel, Dull....."	HS2022	US15	"	"	"

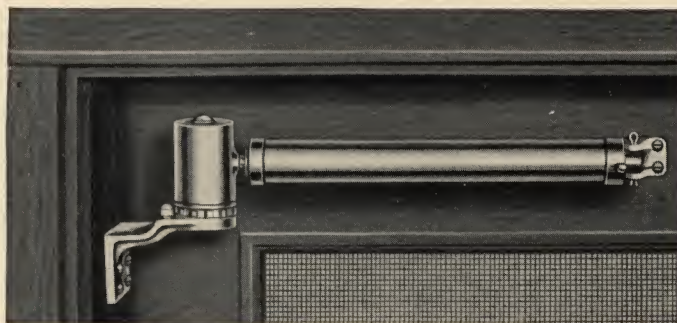
The Type HS2002 Half Surface Spring Hinge is designed for application to metal doors and jambs used as fire protection.

Unless otherwise specified the 6 in. and 7 in. hinges are furnished with F. H. machine screws for jamb flange and ⅝ in. x 2½ in. R. H. bolts with grommet nuts for door flange for 1¾ in. doors. The 4 in. hinge is furnished with F. H. machine screws 8-32 x ½ in. for jamb flange and R. H. machine screws 10-24 x ½ in., without nuts for the door flange.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.
The finishes listed are standard. If a special finish is desired, send a sample or description.
In ordering, always state "Number" and "Size".
Packed with screws and bolts of same finish, also tension adjuster.

Chicago Checking Door Closer

Pneumatic Check Control—Heavy Duty Spring
For Screen Doors, Light Interior Doors and Office Gates
Adjustable Spring Tension—Concealed Spring—Adjustable Checking Valve

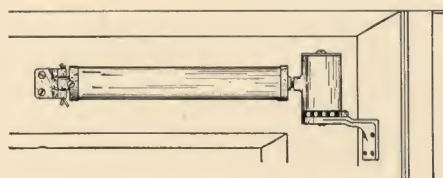


Type 25 and Type 125

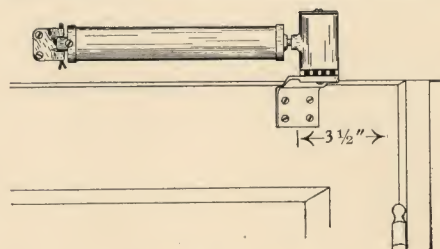
Heavy Iron Metal
(Brass Metal Checking Cylinder)

FINISH (Unpolished Metal)		Without Shock Absorber		With Shock Absorber	
		Number	Price Each	Number	Price Each
Bronze Color	Lacquer Finish	25BL	\$2.60	125BL	\$3.00
Dull Nickel Color	" "	25DNL	2.60	125DNL	3.00
Statuary Bronze Color	" "	25SBL	2.60	125SBL	3.00
Zinc, Dull (Galvanized)	Plated	25ZP	3.70	125ZP	4.10

Method of Application



Application on Reverse Side
of Door from Hinge Axis



Application on Side of
Door with Hinge Axis

The closer may be applied to either side of door, as best suited to conditions.

Type 125

Closer With Spring Cushion Shock Absorber

The Type 125 Door Closer is particularly suitable for combination screen and storm doors as it has the added feature of a spring cushion shock absorber. This shock absorber begins to offer resistance when the door is opened beyond approximately 80 degrees.

The resistance increases as the door continues to open and reduces the speed of the door, which checks it from being violently opened far enough to cause damage to the door, hinges or casing.

Special Features

Type 25 and Type 125

These checking door closers have heavy construction in all parts. The spring is large for heavy duty, with tension adjustment for regulating spring action to varying conditions. Spring is concealed, thereby giving it proper protection and improving the appearance of the closer.

The checking cylinder is brass metal which avoids corrosion and the checking action is controlled by a needle point valve screw which can be easily adjusted at any time. The valve screw turns against the friction of a small compression spring, so it will remain where it is placed.

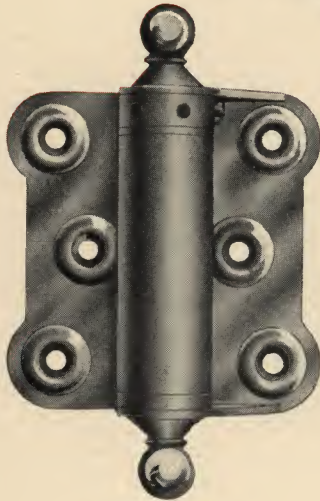
The attaching plate at the valve end of the checking cylinder is fastened with a large cotter pin. By removing this pin and the screw which fastens the bracket to the closer, the door can be taken down without removing any wood screws.

These closers are particularly suitable where there is a limited space between the screen door and the entrance door. Although they have a heavy duty spring they can be applied in a space as narrow as 2 inches.

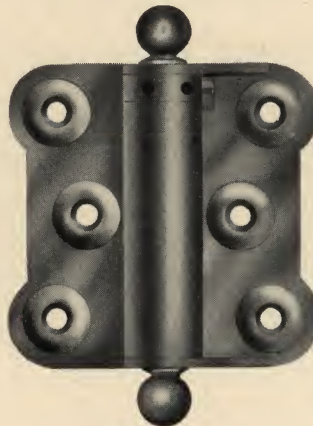
Telegraph code, page 53. Table of weights, page 60.

Chicago Screen Door Spring Hinges

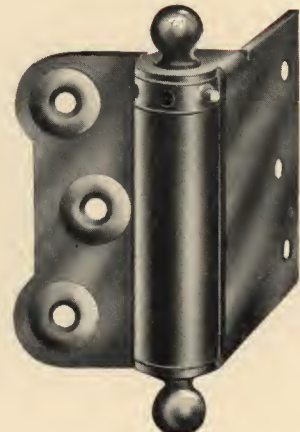
Superior Quality—Wrought Metal
Adjustable Tension



Type 2005
Surface
Size 3x3 Inches



Type 3005
Surface
Size 3x3 Inches



Type 4005
Half Surface
Flange 3 Inches

STEEL PLANISHED (Description of Finishes, Page 6)	U. S. Standard Finish Symbol	Type 2005		Type 3005		Type 4005	
		No.	Price Per Pair	No.	Price Per Pair	No.	Price Per Pair
Dead Black.....Japanned	US1D	2005	\$1.30	3005	\$1.00	4005	\$1.00
Primed.....For Painting	USP	2015	"	3015	"	4015	"
Brass, Bright.....Plated	US3	2115	1.40	3115	1.10	4115	1.10
Brass, Dull....."	US4	2285	"	3285	"	4285	"
Brass, Oxidized, Dull....."	US5	2275	"	3275	"	4275	"
Bronze, Bright....."	US9	2135	"	3135	"	4135	"
Bronze, Dull....."	US10	2295	"	3295	"	4295	"
Bronze, Oxidized, Dull....."	US11	2235	"	3235	"	4235	"
Statuary Bronze....."	US20	2315	"	3315	"	4315	"
Copper, Oxidized, Bright....."	US8	2175	"	3175	"	4175	"
*Zinc, Dull (Galvanized)....."	US2G	2395	"	3395	"	4395	"
Nickel, Bright....."	US14	2215	1.60	3215	1.20	4215	1.20
Nickel, Dull....."	US15	2025	"	3025	"	4025	"
Nickel, Sanded....."	US16	2185N	"	3185N	"	4185N	"
Brass, Oxidized, Sanded....."	US6	2185OB	"	3185OB	"	4185OB	"
Bronze, "....."	US12	2185OBZ	"	3185OBZ	"	4185OBZ	"
Dull Black (Oxidized), Sanded....."	US19	2165	"	3165	"	4165	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)		No.		No.		No.	
Brass Metal, Bright.....	US3	2055	\$3.50	3055	\$2.80	4055	\$2.80
Bronze "....."	US9	2045	"	3045	"	4045	"
Brass " Dull....."	US4	2075	3.90	3075	3.20	4075	3.20
Brass " Oxidized, Dull....."	US5	2195	"	3195	"	4195	"
Bronze " Dull....."	US10	2065	"	3065	"	4065	"
Bronze " Oxidized, Dull....."	US11	2255	"	3255	"	4255	"
Bronze " Statuary....."	US20	2365	"	3365	"	4365	"
Brass " Oxidized Copper Plated	US8	2095	"	3095	"	4095	"
Brass " Bright Nickel....."	US14	2225	"	3225	"	4225	"
Brass " Dull Nickel....."	US15	2265	"	3265	"	4265	"
Brass " Oxidized, Sanded....."	US6	2385OB	"	3385OB	"	4385OB	"
Bronze " "....."	US12	2385OBZ	"	3385OBZ	"	4385OBZ	"
Brass " Bright Chrom...Plated	US26	2405	See note	3405	See note	4405	See note
Brass " Dull Chrom....."	US26D	2425	" "	3425	" "	4425	" "

These Screen Door Hinges are made of heavy wrought metal. The springs are made of tempered steel wire and are entirely enclosed. The finish is excellent and the workmanship of highest quality.

Type 4005 Screen Door Hinges are necessary when the surface of the casing and door are not flush, or when the design of the casing is not suitable for a surface flange.

*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

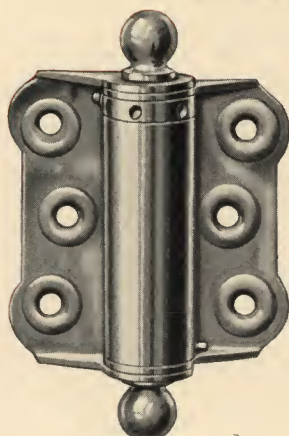
For Chromium Plated, bright or dull, on brass metal add 20% to list price of Brass Nickel Plated.

Packed one pair in a box, with screws of same finish and tension adjuster.

When so ordered, these hinges will be furnished with reverse acting springs, to hold the door open.

Telegraph code, page 53. Table of weights, page 60.

Chicago Screen Door Spring Hinges



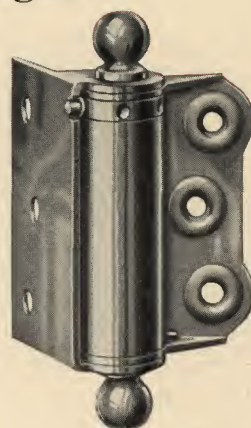
Type 28005
Surface
Size 2 3/4 x 2 3/4 Inches

Detachable Type Adjustable Tension

These hinges are detachable and by releasing the tension and removing the ball tip a door may be taken down without removing any screws.

An adjustable tension is also provided and the spring action may be regulated according to the weight of the door or to meet the wishes of the individual.

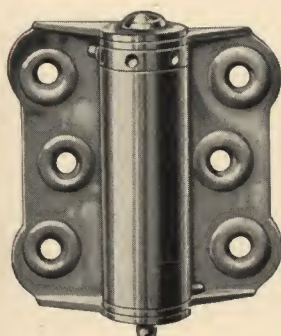
In addition to the above features these hinges are substantially constructed of heavy gauge metal and equipped with a quality spring of ample proportions.



Type 38005
Half Surface
Flange 2 3/4 Inches

STEEL	U. S. Standard Finish Symbol	Type 28005		Type 38005	
		No.	Price Per Dozen Pairs	No.	Price Per Dozen Pairs
Dead Black.....	Japanned	28005	\$ 9.60	38005	\$ 9.60
Primed.....	For Painting	28015	9.60	38015	9.60
Brass, Dull.....	Plated	28285	10.80	38285	10.80
Copper, Oxidized, Bright.....	"	28175	10.80	38175	10.80
Zinc, Dull (Galvanized).....	"	28395	10.80	38395	10.80
Nickel, Bright.....	"	28215	12.00	38215	12.00
Brass, Oxidized, Sanded.....	"	28185OB	12.00	38185OB	12.00

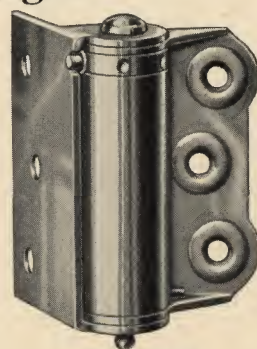
Chicago Screen Door Spring Hinges



Type 8005
Surface
Size 2 3/4 x 2 3/4 Inches

Detachable Type—Loose Pin Adjustable Tension

These hinges are similar in construction to Type 28005 and 38005, described above, but do not have ball tips. They may be classed as of the loose pin type because by releasing the tension the hinge pin may be drawn in the same manner as an ordinary loose pin butt. This detachable feature permits taking down the door without removing any screws and is a great convenience.



Type 18005
Half Surface
Flange 2 3/4 Inches

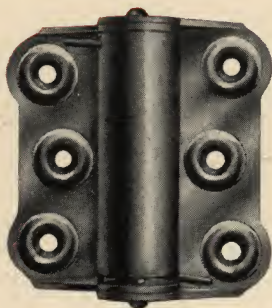
STEEL	U. S. Standard Finish Symbol	Type 8005		Type 18005	
		No.	Price Per Dozen Pairs	No.	Price Per Dozen Pairs
Dead Black.....	Japanned	8005	\$ 8.40	18005	\$ 8.40
Primed.....	For Painting	8015	8.40	18015	8.40
Brass, Dull.....	Plated	8285	9.60	18285	9.60
Copper, Oxidized, Bright.....	"	8175	9.60	18175	9.60
Zinc, Dull (Galvanized).....	"	8395	9.60	18395	9.60
Nickel, Bright.....	"	8215	10.80	18215	10.80
Brass, Oxidized, Sanded.....	"	8185OB	10.80	18185OB	10.80

Packed one pair in a box, with screws of same finish and tension adjuster.
Telegraph code, page 53. Table of weights, page 60.

Chicago Screen Door Spring Hinges

Wrought Steel Non-Adjustable Tension

Size 2 3/4 x 2 3/4 Inches



Type 505

STEEL	No.	U. S. Standard Finish Symbol	Per Dozen Pairs
Bright Black.....Japanned	505, Without Screws	US1B	\$ 2.20
Bright Black....."	505X, With "	US1B	3.30
Primed.....For Painting	595P " "	USP	3.30
Brass, Dull.....Plated	585 " "	US4	4.10
Copper, Ox'd, Bright....."	575 " "	US8	4.10
Zinc, Dull (Galvanized)....."	595ZP " "	US2G	4.10
Nickel, Bright....."	525 " "	US14	4.70

Packed 1 dozen pairs in a box; 1 gross to a case.

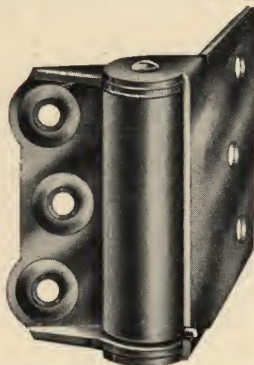
Screen Door Sets

STEEL	No.	U. S. Standard Finish Symbol	Set Includes	Per Dozen Sets
Bright Black.....Japanned	1505	US1B	1 Pair 505 Hinges, Door Pull, Hook and Eye	\$ 4.30
Primed.....For Painting	1595P	USP	1 " 595P " " " " " "	4.30
Brass, Dull.....Plated	1585	US4	1 " 585 " " " " " "	5.30
Copper, Ox'd, Bright....."	1575	US8	1 " 575 " " " " " "	5.30
Zinc, Dull (Galvanized)....."	1595ZP	US2G	1 " 595ZP " " " " " "	5.30

Packed 1 set in a box, complete with screws of same finish; 1 gross to a case.

Half Surface—Wrought Steel Non-Adjustable Tension

Flange 2 3/4 Inches



Type 605

STEEL	No.	U. S. Standard Finish Symbol	Per Dozen Pairs
Bright Black.....Japanned	605, Without Screws	US1B	\$ 3.20
Bright Black....."	605X, With "	US1B	4.30
Primed.....For Painting	695P " "	USP	4.30
Brass, Dull.....Plated	685 " "	US4	5.00
Copper, Ox'd, Bright....."	675 " "	US8	5.00
Zinc, Dull (Galvanized)....."	695ZP " "	US2G	5.00

Packed 1 dozen pairs in a box; 1 gross to a case.

Screen Door Sets—Half Surface

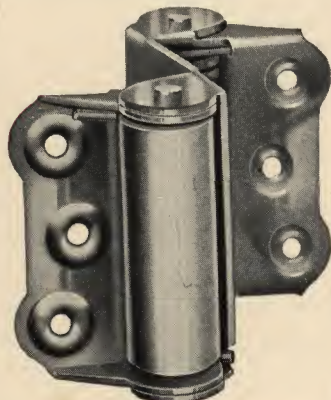
STEEL	No.	U. S. Standard Finish Symbol	Set Includes	Per Dozen Sets
Bright Black.....Japanned	1605	US1B	1 Pair 605 Hinges, Door Pull, Hook and Eye	\$ 5.30
Primed.....For Painting	1695P	USP	1 " 695P " " " " " "	5.30
Brass, Dull.....Plated	1685	US4	1 " 685 " " " " " "	6.20
Copper, Ox'd, Bright....."	1675	US8	1 " 675 " " " " " "	6.20
Zinc, Dull (Galvanized)....."	1695ZP	US2G	1 " 695ZP " " " " " "	6.20

Packed 1 set in a box, complete with screws of same finish; 1 gross to a case.

These Screen Door Hinges are substantially constructed throughout. They have broad bearings at each end and a covered, tempered wire spring, making a durable and attractive hinge for screen door use.

Chicago Screen Door and Gate Spring Hinges

Double Acting—Wrought Steel
For Doors or Gates 1 to 1 1/8 Inches Thick



Type 7005 Double Acting
Flange, 2 3/4 Inches

STEEL	No.	U. S. Standard Finish Symbol	Price Per Dozen Pairs
Bright Black.....Japanned	7005	US1B	\$ 8.60
Brass, Dull.....Plated	7285	US4	10.00
Copper, Oxidized, Bright....."	7175	US8	10.00
Zinc, Dull (Galvanized)....."	7395	US2G	10.00
Nickel, Bright....."	7215	US14	11.00
Brass, Oxidized, Sanded....."	7185OB	US6	11.00

Packed half dozen pairs in a box, with screws of same finish.

This hinge is applied to the surface of the door and hanging strip which avoids mortising. The hinge is made of wrought planished steel which gives an attractive plated finish. These hinges are preferable to cast iron both as to material and finish. The springs are made of tempered steel wire giving good service and they are enclosed which makes a good appearance.

Telegraph code, page 53. Table of weights, page 60.

Chicago Door Springs

Adjustable Tension

Type 280

IRON METAL, POLISHED
(Steel Springs)



Sizes
13 & 14 In.

Length Inches Overall	No.	Bright Black Japanned US1B Per Dozen (Unpolished)	No.	Bronze Plated US9 Per Dozen	No.	Oxidized Copper US8 Per Dozen	No.	Nickel Plated US14 Per Dozen
9	280	\$2.60	230	\$ 9.10	290	\$ 9.10	260	\$10.20
10	280 1/2	3.30	230 1/2	10.60	290 1/2	10.60	260 1/2	11.60
11	281	4.10	231	12.10	291	12.10	261	13.30
12	281 1/2	5.20	231 1/2	13.60	291 1/2	13.60	261 1/2	15.00
13	282	5.90	232	15.00	292	15.00	262	16.50
14	283	7.90	233	18.30	293	18.30	263	20.20

BRASS OR BRONZE METAL, POLISHED
(Plated Steel Springs)

Length Inches Overall	No.	Brass Metal US3 Per Dozen	No.	Bronze Metal US9 Per Dozen	No.	Oxidized Copper US8 Per Dozen	No.	Nickel Plated US14 Per Dozen
9	250	\$13.70	240	\$13.70	210	\$15.10	220	\$15.10
10	250 1/2	15.20	240 1/2	15.20	210 1/2	16.80	220 1/2	16.80
11	251	16.70	241	16.70	211	18.30	221	18.30
12	251 1/2	19.30	241 1/2	19.30	211 1/2	21.30	221 1/2	21.30
13	252	22.00	242	22.00	212	24.20	222	24.20
14	253	29.90	243	29.90	213	32.90	223	32.90



Sizes
9, 10, 11
& 12 In.

Packed: 9 to 12 inch, 1 dozen in box; 13 and 14 inch, 1/2 dozen in box.

1 Gross in a case.

All springs, except Japanned finish, packed with screws to match finish.

Each spring is supplied with a tension adjuster and tension rivet for holding the tension.

Special Features

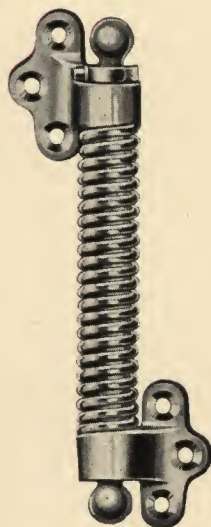
This door spring is substantially constructed and has a symmetrical appearance. The parts are fastened together, so they are never misplaced. It does not require a special tool to apply the tension on the spring.

Chicago "Reliance" Door Springs

Adjustable Tension

Type 270

IRON METAL
(Steel Springs)



Length Inches Overall	No.	Bright Black Japanned US1B Per Dozen
7	270L	\$3.20
8	270M	4.30
10	270H	6.70

Packed: 7 inch, 1 dozen in box; 8 and 10 inch, 1/2 dozen in box.

1 Gross in a case. Each spring is supplied with a tension adjuster and tension rivet for holding the tension.

All springs packed without screws.

Special Features

This door spring is designed with heavy ends having a projecting flange with three screw holes, thereby giving unusually secure application. The spring is of large diameter and heavy gauge wire. Its weight and power cannot be determined by comparing the length with other types of door springs.

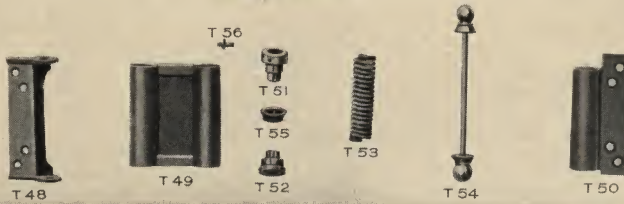
The parts are fastened together, so they are never misplaced. It does not require a special tool to apply the tension on the spring.

Telegraph code, page 53. Table of weights, page 60. Description of finishes, page 6.

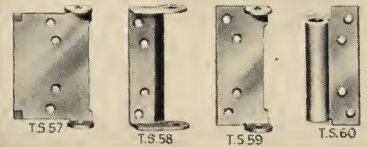
Illustration of Parts

Prices on Page 49

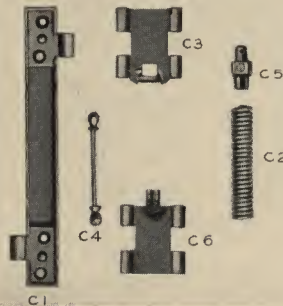
CHICAGO "TRIPLEX" SPRING BUTT-HINGE
(Double and Single Acting)



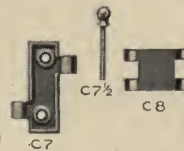
CHICAGO "SIMPLEX" SPRING BUTT-HINGE
(Other parts same as "Triplex")



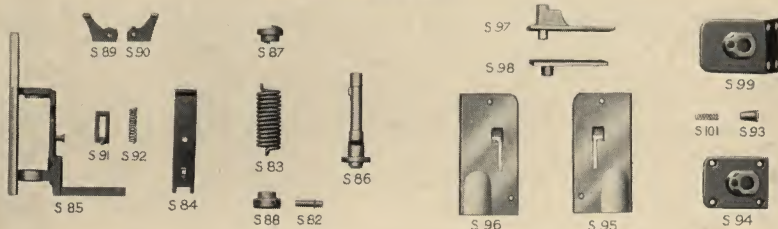
CHICAGO SPRING BUTT-HINGE
(Double Acting)



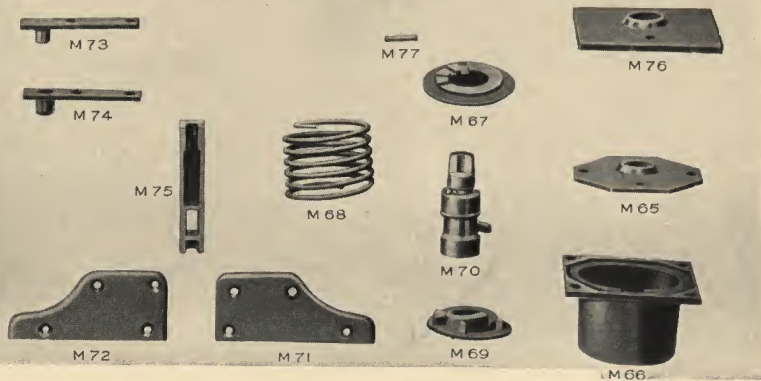
CHICAGO SPRINGLESS BUTT-HINGE
(Double Acting)



CHICAGO "RELAX" SPRING PIVOT-HINGE



CHICAGO SPRING PIVOT-HINGE



Prices of Parts

Illustrated on Page 48

Chicago "Triplex" and "Simplex" Spring Butt-Hinges (Double and Single Acting)

SIZE			NUMBER OF PART (Japanned)												
			T48	T49	T50	T51	T52	T53	T54	T55	T56	TS57	TS58	TS59	TS60
3 in.....	$\frac{3}{4}$	to 1 in.....	\$0.32	\$0.72	\$0.43	\$0.23	\$0.16	\$0.24	\$0.39	\$0.07	\$0.03	\$0.32	\$0.32	\$0.32	\$0.43
4 in.....	$\frac{7}{8}$	to $1\frac{1}{4}$ in.....	.37	.88	.53	.26	.17	.29	.40	.14	.03	.37	.37	.37	.53
5 in.....	$1\frac{1}{8}$	to $1\frac{1}{2}$ in.....	.46	1.08	.65	.29	.20	.35	.43	.20	.03	.46	.46	.46	.65
6 in.....	$1\frac{1}{4}$	to $1\frac{3}{4}$ in.....	.60	1.31	.79	.36	.26	.37	.48	.26	.06	.60	.60	.60	.79
7 in.....	$1\frac{3}{8}$	to 2 in.....	.89	1.86	1.11	.48	.29	.45	.53	.29	.06	.89	.89	.89	1.11
8 in.....	$1\frac{1}{2}$	to $2\frac{1}{4}$ in.....	1.53	2.69	1.61	.66	.42	.58	.65	.40	.09	1.53	1.53	1.53	.66
10 in.....	$1\frac{3}{4}$	to $2\frac{1}{2}$ in.....	2.48	3.92	2.35	.81	.53	.76	.75	.45	.13	2.48	2.48	2.48	2.35
12 in.....	$2\frac{1}{4}$	to 3 in.....	3.41	5.88	3.53	.92	.62	1.20	.82	.49	.17				

Chicago Spring and Springless Butt-Hinges (Double Acting)

SIZE			NUMBER OF PART (Japanned)								
			C1	C2	C3	C4	C5	C6	C7	C7½	C8
¾ to 1 in.....			\$0.72	\$0.55	\$0.43	\$0.14	\$0.27	\$0.43	\$0.36	\$0.14	\$0.29
1½ to 1½ in.....			.92	.65	.55	.14	.32	.55	.47	.14	.36
1½ to 1½ in.....			1.08	.72	.61	.22	.43	.61	.50	.22	.43
1½ to 2 in.....			1.44	1.08	.72	.36	.61	.72	.65	.36	.47
2½ to 2½ in.....			2.88	1.80	1.44	.72	.90	1.44	1.15	.72	.97
2½ to 3 in.....			4.32	2.52	2.16	1.08	1.94	2.16	1.80	1.08	1.37

Chicago "Relax" Spring Pivot-Hinges

SIZE		NUMBER OF PART (Japanned)								
		S83	S84	S85	S86	S87	S88	S89	S90	S91
1¼ to 1½ in.		\$0.52	\$0.43	\$1.56	\$0.52	\$0.52	\$0.52	\$0.40	\$0.40	\$0.43
1½ to 2 in.		.72	.65	2.46	.72	.72	.72	.58	.58	.65
1¾ to 2¾ in.		1.14	.98	3.72	1.14	1.14	1.14	.88	.88	.98

SIZE		NUMBER OF PART (Japanned)								
		S92	S93	S94	S95	S96	S97	S98	S99	S101
1¼ to 1½ in.		\$0.09	\$0.09	\$0.65	\$0.52	\$0.52	\$0.52	\$0.33	\$1.30	\$0.09
1½ to 2 in.		.13	.13	.86	.72	.72	.72	.49	1.84	.13
1¾ to 2¾ in.		.19	.19	1.32	1.14	1.14	1.14	.72	2.81	.19

Chicago Spring Pivot-Hinges

SIZE		NUMBER OF PART (Japanned)											
		M65	M66	M67	M68	M69	M70	M71	M72	M73	M74	M75	M76
$\frac{7}{8}$ to $1\frac{1}{2}$ in.		\$0.56	\$1.73	\$0.56	\$0.39	\$0.50	\$0.66	\$0.52	\$0.52	\$0.33	\$0.33	\$0.40	\$1.05
$1\frac{1}{2}$ to 2 in.		.66	2.23	.66	.53	.60	.86	.60	.60	.50	.50	.56	1.32
2 to $2\frac{1}{2}$ in.		.99	2.56	.99	.84	.88	1.24	.84	.84	.66	.66	.84	1.83
$2\frac{1}{2}$ to $3\frac{1}{2}$ in.		2.12	3.77	1.40	1.20	1.27	1.66	1.20	1.20	1.17	1.17	1.20	2.16

NOTE—For Japanned and unfinished parts, no extra charge.

For Plated parts on steel, add 25%.

For Brass or Bronze metal parts, add 200%.

For Plated parts on Brass or Bronze metal, add 10% to Brass or Bronze metal price.

Transportation charges are additional. A minimum charge of 25 cents is made on any transaction. Charges on goods which are to be repaired or refinished will be made on actual time employed and for such new parts as may be required. Any part RETURNED which shows defective material or workmanship will be replaced gratis.

When ordering parts always specify the part required by LETTER and NUMBER.

Always state the SIZE and FINISH of the hinge for which the part is intended.

If unable to give the required description, send a sample of the part.

Cable Address
Springhing—Chicago

Private Telegraph Code

Chicago "Triplex" Spring Butt-Hinges (Pages 10 and 11)

Codes
Lieber and Private

In specifying the quantity do not say pairs; we assume it.
When ordering "Single Acting Hinges" use word from list below for same finish and size, and prefix the letters "Sin" to the code word.

If single acting hinges are required with reverse acting springs, follow the code word with the word "Reverse."

NUMBERS (Steel Metal)

Flange Inches	2001	2011	2111	2281	2271	2131	2291	2311	2171	2391	2211	2021	2181OB	2161	2991
3.....	tabel	taumz	tadaf	tafad	tahab	tajay	talaw	tapas	taraq	teijm	tatao	tawam	tayak	tecag	tenyj
4.....	tabga	taunb	taddi	tafde	tahde	tajdo	talcy	tapcu	tareu	teika	tates	tawed	taybl	tecic	teoaw
5.....	tabic	tauoc	tadej	taffi	tahij	tajep	talen	tapew	tariy	teibb	tatgu	tawih	tayfc	tecow	teobx
6.....	tabou	taupd	tados	tafoq	taiaz	tajit	talfo	tapgy	tarlo	teime	tatiw	tawoz	taygd	tecqy	teocx
7.....	tabsy	tauge	tadqu	tafsu	taibn	tajju	talir	tapin	tasap	teinp	tatky	tawus	taymj	tecup	teodz
8.....	tacag	taurf	tafyp	tafwy	taico	takax	tallu	tapjo	taset	teioq	tauan	tawax	taynw	tedai	teen
10.....	tacai	tausg	taefb	tagac	taico	takby	tamav	taqar	tasfu	teirt	taubo	tawec	tayox	tedem	teofu
12.....	tacot	tauth	taefj	tagik	taigs	takis	tamez	taqev	tasjy	teisu	taufs	tawoy	tazea	tedov	teoir

NUMBERS (Brass or Bronze Metal)

Flange Inches	2051	2041	2071	2191	2061	2251	2361	2091	2221	2261	2381N	2381OB	2381SB	2401	2421
3.....	tehae	tejac	temay	tepav	tesas	teuag	tewao	teynz	theaw	thias	thyad	thonz	tibab	thafg	texoc
4.....	tehim	tejeg	temdo	tepdy	tescu	teubr	tewes	teyno	thebx	thibt	thybe	thopo	tibde	thagh	texce
5.....	tehor	tejik	temep	tepez	tesew	teucs	tewgu	teyts	theey	thicu	thyfc	thots	tibbi	thahi	texui
6.....	tehux	tejno	temit	tepgo	tesgy	teudt	tewiw	teyvu	thedz	thidv	thydg	thovu	ticez	thajj	texym
7.....	tehyv	tejtu	temju	tepiq	tesin	teugw	tewkz	tezam	theen	thiew	thyhk	thoxy	ticeq	thajk	teybn
8.....	teiad	tejxy	temax	tepmu	tesjo	teuhx	texan	tezed	thefo	thifx	thyil	thuah	ticiu	thakl	teyeb
10.....	teibe	tekab	tenby	teqau	tetar	teuiy	tebxo	tezih	thair	thigy	thubi	thuel	ticyl	thalm	teyec
12.....	teigi	teghi	tenis	teqho	tetev	teukn	tehu	tezoz	themv	thiin	thyom	thuel	tiddo	thama	teydd

Example: 10 Pairs 2001—3 in. "Ten Tabel." 10 Pairs 2002—3 in. "Ten Sintabel." 10 Pairs 2002—3 in. Reverse. "Ten Sintabel Reverse."

Chicago "Simplex" Spring Butt-Hinges (Pages 14 and 15)

In specifying the quantity do not say pairs; we assume it.

When ordering "Single Acting Hinges" use word from list below for same finish and size, and prefix the letters "Sin" to the code word.

If single acting hinges are required with reverse acting springs, follow the code word with the word "Reverse."

NUMBERS (Steel Metal)

Flange Inches	9001	9011	9111	9281	9271	9131	9291	9311	9171	9391	9211	9021	9181OB	9161	9991
3.....	sapev	saxox	sarap	sasuj	sawal	sazai	sbiab	scaak	sciac	sbejb	scuap	sdaca	sdibe	seaba	sboau
4.....	saphy	saxpy	saret	satho	sawec	sazem	sbiel	scabl	scibd	sbeld	scuur	sdafd	sdief	seaed	sbobv
5.....	sapiz	saxso	sarfut	sater	sawig	saznu	sbiel	scafe	scice	sbeme	scuds	sdage	sdidg	seagf	sbocw
6.....	sapko	saxux	sarix	sathu	sawoy	sazov	sbihi	scagd	scigi	sbeos	scuet	sdaki	sdihk	seaih	sbocx
7.....	sapum	saxyu	sariv	sathu	sawur	sazry	sbiik	scage	scihj	sbept	scufu	sdalj	sdil	seakj	sbobz
8.....	sacag	sayaj	sarimo	satly	saxak	sbaaj	sbiim	scali	scino	sbequ	scugv	sdanx	sdijm	seaml	sbogn
10.....	sacag	saybk	sasao	saunz	saxeb	sbabk	sbiin	scamj	scirs	sbeuv	scuhw	sdaoy	sdinp	seany	sbobo

NUMBERS (Brass or Bronze Metal)

Flange Inches	9051	9041	9071	9191	9061	9251	9361	9091	9221	9261	9381N	9381OB	9381SB	9401	9421
3.....	sefah	sehaf	sekac	senay	sepue	seuar	sewap	sezon	sfeaj	sfoay	sgeaw	slyao	sgonz	scoez	scaso
4.....	sefbi	sehdi	sekeg	sendo	sepyi	seubs	sewet	sezut	sfebz	sfobz	sgebz	slyes	sgots	scocn	scauq
5.....	sefel	sehaj	sekih	senep	seqav	seuct	sewfu	sezex	sfecl	sfozo	sgecy	slygu	sgowv	scoco	scavr
6.....	sefou	sehoh	sekon	senit	seago	seudu	sewix	sfnaz	sfehnd	sfoep	sgecz	slyiw	sgoyx	scocp	scaws
7.....	sefsy	sehqu	sektu	senju	serau	seuev	sewjy	sfpap	ssemi	sfogr	sgeen	slyku	sguah	scocx	scayz
8.....	sefag	sehyp	sekyx	seoby	serey	seugx	sewmo	sfnats	sfnen	sfohs	sgefo	sgaah	sgubi	scocj	scayv
10.....	segei	seibf	seclb	seocz	serho	seuhy	sewao	sfnatu	sfeow	sfoit	sgeir	sgaad	sguej	scoks	scayz

Example: 10 Pairs 9001—3 in. "Ten Sapev." 10 Pairs 9002—3 in. "Ten Sinsapev." 10 Pairs 9002—3 in. Reverse. "Ten Sinsapev Reverse."

Chicago Spring and Springless Butt-Hinges (Pages 17, 18 and 19)

In specifying the quantity do not say pairs or sets; we assume it.

When ordering "Springless Butt-Hinges" use word from list below for same finish and size, and prefix the letters "Les" to the code word.

When ordering "Spring and Springless Butt-Hinges" in sets, prefix the letters "Set" to the code word.

NUMBERS (Steel Metal)

For Doors	1½	11½	28½	27½	13½	29½	23½	31½	17½	39½	21½	21½	18½ OB	16½	99½
¾-1	cabax	caebv	cagas	caiaq	cakao	canba	capak	casah	cavae	ceapf	cayab	ceacr	cecan	cejah	cegso
1½-1¼	cabby	caecw	cagcu	caibr	cakes	caneb	capab	casbi	cavim	cearh	cayof	ceads	cecoo	cejbi	ceguu
1¾-1½	cabeo	caeyc	cagew	caics	cakgu	caneh	capif	casel	cavor	ceasi	caygh	ceatu	cecer	cejel	ceguy
1¾-2	cabis	caefz	caggy	caidt	cakiw	canny	capox	casou	cavux	ceatj	cayjk	ceafu	cechu	cejou	cehaj
2¼-2½	cabku	caeho	cagin	caigw	cacky	canoz	cappy	cassy	cavvy	ceauk	cayjk	ceavg	ceciu	cejsy	cehea
2¾-3	cacaw	caepi	cagjo	caihx	caler	canus	capuq	catag	cawad	ceavl	caylm	ceahw	ceahw	cekg	cehie

NUMBERS (Brass or Bronze Metal)

For Doors	51	41	71	191	61	251	361	91	221	261	381N	381OB	381SB	401	421
¾-1	cepab	cetaw	cevhv	ceyar	cfabr	cfajz	cfuaw	chabt	chica	chuay	ceiar	ciabu	cifao	cidaq	cighu
1½-1¼	cepde	ceecy	cevip	ceybs	cfacs	cfibk	cfubx	chacu	chidf	chubz	ciecu	ciacu	cifef	cideu	cigiv
1¾-1½	cephi	ceeten	cevtu	ceyey	cfadt	cfel	cfucy	chadv	chige	chudo	ciecy	ciadw	cifgu	cigdy	cigly
1¾-2	cepoa	ceeto	cevub	ceydu	cfaeu	cfihd	cfudz	chaew	chiki	chuup	ciecy	ciaex	cifw	ciglo	cigoc
2¼-2½	ceqaz	ceetir	cevex	ceyev	cfagw	cfie	cfuen	chafx	chilj	chugr	cieiz	ciafy	cifky	cigde	cigqe
2¾-3	ceqeq	ceetlu	cevyf	ceygy	cfahx	cfinv	cfufo	chagy	chinx	chuhs	cieko	ciagz	cifuj	cigof	cigui

Example: 10 Pairs 1½—¾ in. "Ten Cabax." 10 Pairs 3½—¾ in. "Ten Lescabax." 10 Sets 1½x3½—¾ in. "Ten Setcabax."

Private Telegraph Code (Continued)

Chicago "Relax" and "Non-Release" Spring Pivot-Hinge (Pages 20-21)

In specifying the quantity do not say sets; we assume it.

When ordering "Non-Release Hinges" use word from list below for same size and finish, and prefix the letters "Non" to the code word.

When ordering hinges with "Jamb Attaching Plates" prefix the letters "Jam" to the code word.

NUMBERS (Steel Metal)

For Doors	6001	6111	6281	6271	6131	6291	6311	6171	6391	6211	6021	6181OB	6161	6991	6981
1½-1½...	fabau	facat	fadas	faear	fafaq	fagap	faian	fajon	faeiz	falal	famak	fanaq	fapah	faipd	faoid
1½-2...	fabey	facbu	fadcu	faebs	fafeu	faget	faibo	fajut	faejn	falec	fameb	fanie	fapbi	faige	faoje
1½-2¾...	fabho	facex	fadew	faect	fafiy	fagfu	faier	fajyx	faeko	falig	famif	fanow	fapel	fairf	faokf

NUMBERS (Brass or Bronze Metal)

For Doors	6051	6041	6071	6191	6061	6251	6361	6091	6221	6261	6381OB	6381N	6381SB	6401	6421
1½-1½...	faraf	fasac	fatad	fauac	favde	faxay	fayax	fazaw	feabn	febay	fecax	fedaw	fefau	fehua	feidu
1½-2...	fardi	fasim	fatbe	faubd	favij	faxdo	fayby	fazay	feaco	febdo	fecby	fedey	fefey	fehve	feiev
1½-2¾...	farej	fasor	fatfi	fauag	fawaz	faxep	faycz	fazen	feacq	febep	fecce	fedem	fedem	feiar	feigx

Example: 10 Sets 6001—1½ in. "Ten Fabau." 10 Sets NR6001—1½ in. "Ten Nonfabau." 10 Sets J6001—1½ in. "Ten Jamfabau." 10 Sets JNR6001—1½ in. "Ten Jam Nonfabau."

Chicago "Premier" Spring Pivot-Hinges (Page 23)

In specifying the quantity do not say sets; we assume it.

When ordering hinges with "Jamb Attaching Plates" prefix the letters "Jam" to the code word.

NUMBERS (Steel Metal)

For Doors	4001	4111	4281	4271	4131	4291	4311	4171	4391	4211	4021	4181OB	4161	4991	4981
1½-1½...	feybd	fezab	fhaer	fheam	fhiai	fhoad	fhayr	fhabr	fhyno	fhbap	fhcao	fhdan	fhfam	fhifa	fhomb
1½-2¾...	feyce	fezde	fhads	fheed	fhijb	fhobd	fhayu	fhacs	fhypop	fhbet	fhces	fhdbo	fhfed	fhhe	fhono

NUMBERS (Brass or Bronze Metal)

For Doors	4051	4041	4071	4191	4061	4251	4361	4091	4221	4261	4381OB	4381N	4381SB	4401	4421
1½-1½...	fhak	fhjai	fhkah	fhlag	fhmaf	fhoad	fhpac	fhqab	fhraz	fhirc	fhay	fhitis	fhaw	fhyrk	fhzko
1½-2¾...	fhheb	fhjem	fhkbi	fhlei	fhmndi	fhobe	fhpeg	fhqde	fhirc	fhirc	fhay	fhitis	fhubx	fhysl	fhzog

Example: 10 Sets 4001—1½ in. "Ten Feybd." 10 Sets J4001—1½ in. "Ten Jamfeybd."

Chicago "Ajax" Spring Pivot-Hinges (Page 24)

In specifying the quantity do not say sets; we assume it.

When ordering hinges with "Jamb Attaching Plates" prefix the letters "Jam" to the code word.

NUMBERS (Steel Metal)

For Doors	3001	3111	3281	3271	3131	3291	3311	3171	3391	3211	3021	3181OB	3161	3991	3981
1½-1½...	flapu	flaw	flax	floty	flavn	fluaz	fluco	flueq	flulx	flufr	flugs	fluht	fluiv	flumy	fluna

NUMBERS (Brass or Bronze Metal)

For Doors	3051	3041	3071	3191	3061	3251	3361	3091	3221	3261	3381OB	3381N	3381SB	3401	3421
1½-1½...	fobaj	fobie	fobow	fobqy	fobup	focai	focem	focnu	focov	focry	fodah	fodbi	fodel	fodvo	fodyr

Example: 10 Sets 3001—1½ in. "Ten Flopu." 10 Sets J3001—1½ in. "Ten Jamflopu."

Chicago "Eight Thousand" Spring Pivot-Hinges (Page 25)

In specifying the quantity do not say sets; we assume it.

When ordering these hinges, use code word from "Ajax" code for same finish and prefix letters "Mis." Example: 10 Sets 8001—1½ in. "Ten Misflopu."

Chicago "Durex" Spring Pivot-Hinges (Page 26)

In specifying the quantity do not say sets; we assume it.

When ordering these hinges, use code word from "Ajax" code for same finish and prefix letters "Dur."

Finishes are limited to those shown on Page 26. Example: 10 Sets 17001—1½ in. "Ten Durflopu"

Chicago Spring Pivot-Hinges (Page 27)

In specifying the quantity do not say sets; we assume it.

NUMBERS (Steel Metal)

For Doors	5001	5111	5281	5271	5131	5291	5311	5171	5391	5211	5021	5181OB	5161	5991	5981
¾-1½...	fopau	foqat	foras	fosar	fotaq	fouap	fowan	foxon	fuope	fozal	franz	freaq	froay	fuper	furba
1½-2...	fopey	foqbu	forcu	fosed	foteu	fouer	fowbo	foxut	fuorg	fozec	frapo	frebk	frobz	fuphu	fured
2-2½...	fopho	foqex	forew	fosed	fotif	fower	foxyx	fuosh	fozig	fozoy	fravv	freel	frodo	fupiv	furf
2½-3½...	fopip	foqfy	forgy	foshy	fotlo	fouet	fowhu	foyam	fuoti	fozoy	fravv	frehd	froep	fuply	furih

NUMBERS (Brass or Bronze Metal)

For Doors	5051	5041	5071	5191	5061	5251	5361	5091	5221	5261	5381OB	5381N	5381SB	5401	5421
¾-1½...	fryau	fuabe	fubac	fudaz	fueay	fufax	fugaw	fuhav	fuibv	fujat	fukas	fulev	fumaq	fusig	futif
1½-2...	frydr	fuacf	fubeg	fudeo	fuebz	fufby	fugey	fuhdy	fuicw	fujbu	fukcu	fulhy	fumeu	fusk	futli
2-2½...	fryes	fuadg	fubik	fudeq	fuedo	fufuo	fugen	fuhzy	fuiey	fujex	fukew	fuliz	fumi	fusoy	futox
2½-3½...	fryft	fuahk	fubno	fudiu	fueep	fufis	fugfo	fuhgo	fuifz	fujfy	fukgy	fulko	fumlo	fusro	futpy

Example: 10 Sets 5001—¾ in. "Ten Fopau."

Private Telegraph Code (Continued)

Chicago Lavatory Spring Hinges (Pages 28, 29, 30, 31, 33 and 34)

In specifying the quantity do not say pairs or sets; we assume it.

When ordering hinges with "Reverse Acting Springs" to hold door open, prefix the letters "Rev" to the code word.

When ordering Chromium plated finish affix the letters "Chr."

When ordering White Bronze Metal affix the letters "Wbz."

If door is different thickness than partition, when ordering items marked (), specify door thickness.

†If hinges have pipe attachments, always specify outside diameter of pipe.

NUMBERS

Partition Thickness	2242	2142	* 2242A	2241	* 2241A	2242 2244	*2242A 2244A	22242	22242 1/2	22242 2244	22242 1/2	2842	2742	2642	2542
3/8 in.	laboa	ladon	lafal	lajah	lalaf	lanad	lapab	metiv	meivs	melnu	meopt	lazar	lazaq	lebas	ledaq
1 in.	labes	ladut	lafec	lajbi	laldi	lanbe	lapde	mefly	meiwt	melov	meoqu	layar	lazeu	lebcu	ledeu
1 1/8 in.	labgu	ladyx	lafig	lajel	lalej	lanfi	laphi	mefoc	meixu	melry	meorv	layct	lazi	lebew	lediy
1 1/4 in.	labiw	laeam	lafoy	lajou	lalos	lanoq	laqaz	mefqe	meiyw	meluo	meowv	laydu	lazo	lebyg	ledlo
1 1/2 in.	labky	laeed	lafur	lajsy	lalqu	lansu	laqeo	mefui	meizw	melys	meouy	layev	leabu	lebin	leecr
1 3/4 in.	lacan	laefg	lagak	lajak	lalyp	lanwy	laqeq	mefym	mejaj	memah	meovz	laygx	leavc	lebjc	leeds
1 7/8 in.	lacio	laeif	lages	lakei	lamae	laaac	laqui	mefza	mejda	membi	meown	layhy	leawd	lecar	leefu
2 in.	lacher	laekj	lagif	lakek	lamim	laobd	laqyl	megaa	mejeb	memel	meoxo	layiz	leaxf	leedu	leegv
	lachu	laeny	lagox	lakot	lamor	laobg	laray	megge	mejhe	memga	meoyp	layjn	leayf	leecv	leehw
	laciv	laeoz	lagpy	lakpu	lamux	laohj	lardo	megii	mejif	memic	meape	layko	leagz	lechy	leex

NUMBERS

Partition Thickness	2842	2742	2642	2542	F2222	F2222 F2224	2442	2443	2442 2444	2442 2446	†For Pipe Standards	†P7227S	†P7227M	†P6227S	†P6227M	†P4227S	†P4227M	†P2227S	†P2227M
3/8 in.	lefaa	lehon	leige	lemai	leaoa	lepio	lesac	levay	lexaw	lezau	†12342DD	ligor	ligor	ligor	ligor	ligor	ligor	ligor	ligor
1 in.	lefes	lehut	leiki	lemem	leobh	lepme	leseg	levdo	lexey	lezey	†12342DD-I2344DD	ligum	ligum	ligum	ligum	ligum	ligum	ligum	ligum
1 1/8 in.	lefgu	lehyx	lejo	leoc	lepos	lepox	lesik	levex	lexen	lezho	†02342DD	ligva	ligva	ligva	ligva	ligva	ligva	ligva	ligva
1 1/4 in.	lefiw	leiam	lejur	lemov	leodj	lepqu	lesno	levit	lexfo	lezip	†02342DD-02344DD	ligyd	ligyd	ligyd	ligyd	ligyd	ligyd	ligyd	ligyd
1 1/2 in.	lefky	leied	lekak	lemry	leok	lepyp	lestu	levju	lexir	lezxe	P2221	lihaq	lihaq	lihaq	lihaq	lihaq	lihaq	lihaq	lihaq
1 3/4 in.	legan	leigf	lekeb	lenah	leofi	leqae	lesxy	lewax	lexlu	liaax	P2222	liheu	liheu	liheu	liheu	liheu	liheu	liheu	liheu
1 7/8 in.	legbo	leikj	lekif	lenbi	leons	leqim	letab	lewby	lexav	liaby	P2222-P2224	lihiy	lihiy	lihiy	lihiy	lihiy	lihiy	lihiy	lihiy
2 in.	leghu	leiml	lekox	lenel	leoot	leqor	letde	lewew	leybw	liaez									
	legiv	leiny	lekpy	lenou	leopu	leqru	lethi	lewis	leyex	liafp									
	legly	leioz	lekuq	lensy	leorw	leqvy	letoo	lewku	leydy	liahr									

†Also specify thickness of partition.

NUMBERS

Partition Thickness	C- 7227S	C- 7227M	C- 6227S	C- 6227M	C- 4227S	C- 4227M	C- 7227S	C- 7227M	C- 6227S	C- 6227M	C- 4227S	C- 4227M	C6221	† P6221
3/8 in.	litaf	lupau	linal	lipaj	luras	lutaq	luva	luxon	livad	lixab	lizax	lybaz	lijao	lilon
1 in.	litdi	lupey	linee	lipie	lurcu	luteu	luves	luxpo	livbe	lixde	lizca	lybco	lijes	
1 1/8 in.	litaj	luho	linig	lipow	lurew	lutiy	luvgu	luxut	livfi	lixhi	lizce	lybeu	lijgu	F6221
1 1/4 in.	litos	lupip	linoy	lipay	lurgy	lutlo	luviw	luxvo	livoo	lixaz	lizge	lybiu	lijiw	lilut
1 1/2 in.	litqu	lupoi	linur	lipup	lurin	lutne	luvky	luxyx	livsu	lixyn	lizib	lybna	lijky	
1 3/4 in.	lityp	lupta	lioak	liqai	lurjo	lutof	luvod	luxzy	livwy	lixco	lizki	lybob	likan	
1 7/8 in.	liubf	lupub	liobl	liqem	lurpi	lutri	luvep	luxam	livac	lixey	lizro	lybuh	likbo	
2 in.	liudh	lupxe	liofo	liqnu	lurua	lutul	luvti	luxya	livew	lixfr	lizur	lybvi	likiv	FR6221
	liugk	lupyf	liogd	liqov	lurye	lutwa	luvya	luxyd	livik	lixys	lizux	lybyl	likiv	limam
	liuim	luqat	liohe	liqry	lutar	lutye	luwan	luxye	livno	lixht				

Chicago Lavatory Gravity Pivot-Hinges (Page 35)

Lavatory Door Stops and Keepers (Pages 29 and 37)

If door is different thickness than partition, specify door thickness.

Partition Thickness	C- 47227S	C- 47227M	† P47227S	11247A	11247B	11247C	11247D	11247F	11247 1/2A	11247 1/2B	11247 1/2C	11247 1/2D	11247 1/2F
3/8 in.	lyfaf	lygho	lyieu	maber	maeut	maefd	magaj	mahnu	mambe	manop	marax	masfo	mauta
1 in.	lyfdy	lygip	lyf227S	mabhu	maevu	maege	magea	mahov	mameh	mantu	marby	masir	maub
1 1/8 in.	lyfze	lygoi	lyfifx	mabiv	maeyx	maehf	magie	mabry	mamfi	manuv	mareo	maslu	mauve
1 1/4 in.	lyfgo	lygta		mabiy	maeyz	maehg	magmi	mabuo	mamil	manxy	maris	masol	mauw
1 1/2 in.	lyfyq	lygub		maboc	madam	maeki	magow	mahys	mamka	manyx	marku	masqa	mauxe
1 3/4 in.	lyfrmu	lygxe		mabqe	madba	maelj	magay	maiah	mamoq	maoab	marom	masue	mauyf
1 7/8 in.	lyfok	lygyf		mabui	maded	maemk	magto	maibi	mamsu	maobe	marpa	mayei	mauzg
2 in.	lyfra	lyghu		mabym	madfe	maenx	magup	maicj	mamuw	maoed	marie	matav	mayat
	lyfud	lyhcx		mabza	madih	maeyo	magyt	maiel	mamwy	maode	maruf	matdy	mayvu
	lyfve	lyhfy		macaa	madji	maepz	magzu	maifm	mamyn	maoef	marxi	matez	mayev

Lavatory Door Stops and Keepers (Pages 37 and 38)

If door is different thickness than partition, specify door thickness.

When ordering door stops of the Type 1447 Series, use code word for corresponding style and size of Type 1447 Series and prefix letters "Piv."

NUMBERS

Partition Thickness	1247	1247A	1247B	1247C	1247D	1247E	1247F	1247G	1247H	1347A	1347C	1347D	1347E	1347F
3/8 in.	lizay	lobad	lodab	lofay	lohaw	lojau	lomar	lopao	loron	lovaj	loxah	lozaf	lubaj	ludah
1 in.	lizdo	lobbe	lodde	lofdo	lohecy	loje	lomdu	lopes	lorut	lovie	loxbi	lozdi	lubie	ludbi
1 1/8 in.	lizep	lobfi	lodhi	lofep	lohen	lojho	lomev	lophu	loryx	lovow	loxel	lozej	lubow	ludel
1 1/4 in.	lizit	loboq	loeaz	lofit	lohfo	lojip	lomhy	lopiw	losam	lovqy	loxou	lozos	lubqy	ludou
1 1/2 in.	lizju	lobsu	loebn	lofju	lohio	lokot	lomiz	loppy	losed	lovup	loxsy	lozqu	lubup	ludsy
1 3/4 in.	lobaf	lobwy	loeco	lofyk	lohlu	lokbu	lomko	loqan	losih	lowai	loyag	lozyp	lucal	lueag
1 7/8 in.	lobdh	locac	loeeg	logax	loia	lokex	lonaq	loqbo	losny	lowem	loybh	luabl	luem	luebh
2 in.	lobgk	locog	loefr	logby	lobiw	lokyf	loneu	loqer	losoz	lownu	loyci	luada	luenu	lueci
	lobaim	locik	loegs	loge	loix	lokio	loniy	loqhu	losus	lowov	loydj	luafe	luco	luecj
	lobaja	locop	loeht	logis	loidy	lolas	lonlo	loqiv	lotat	lowry	loyek	luajg	lucry	luefi

Lavatory Door Bolts and Latches (Page 36)

Specify thickness of door and partition.

1250	lufaf	1254	luhad	1252	lujab	1238K	lukeo	1248K	lumax
1250K	lufdi	1254K	luhbe	1252K	lujde	1238-1247F	lukeq	1248-1247A	lumby
1250K-1258	lufef	1254K-1258	luhfi	1252-1247C	luji	1238-1247G	lukiu	1248-1247B	lumeo
1250-1247F	lufos	1254-1247D	luhoq	1236	lula	1240	lulay	1244	lumis
1250-1247G	lufuq	1254-1247D-1258	luhsu	1236K	luimb	1240K	luldo	1244K	lumku
1250-1247F-1258	lufyp	1242	luhwy	1236-1247F	luino	1240-1247F	lulep	1244-1247F	lunaw
1250-1247G-1258	lugae	1242K	luia	1236-1247G	luio	1240-1247G	lulit	1244-1247G	luncy
1260	lugru	1242-1247C	luibd	1238	lukaz	1248	lulu		

Private Telegraph Code (Continued)

Lavatory Door Stops and Keepers (For Partitions without Hanging Stile) Page 38	Lavatory Door Stops and Keepers (For Pipe Standards) Page 38	Miscellaneous Lavatory Door Stops Page 38	Door Pull and Hook Page 39
1253.....luofn D1253.....luogo 1251.....luohp D1251.....luojr	1241.....lihof 1241C.....lihul 1241F.....lihiri	1243.....luoav 1245.....lunlu 1345C.....luocw 1345F.....luobw	1231.....lunen 1233.....lunfo 1234.....lunir
Give thickness of partition and door, also size of bolt bar if to be cut.	Give outside diameter of pipe, thickness of door and size of bolt bar if to be cut.	Give thickness of door and size of bolt bar if to be cut.	

Fastenings (Bolts, Nuts and Washers) Page 39

Specify size and always give length of bolt required

60.....lydax	OS0.....	160.....lyeaw	15.....lyedz	90.....lyeen
O60.....lydby	100.....	lyebx	140.....lydxi	
80.....lydeo	OS110.....	lyecy	114.....lydyj	

Chicago Cabinet and Refrigerator Spring Hinges Page 41

Sagless Gate Spring Pivot-Hinges Page 40

In specifying the quantity do not say pairs or sets; we assume it.

6005.....abcon	5005.....abgea	14005.....akeat	4007.....hajal	6007.....habas	7007.....hafao
6115.....abeut	5115.....abgow	14115.....akebu	4117.....hajec	6117.....habcu	7117.....hafgu
6285.....abeyx	5285.....abguy	14285.....akecv	4287.....hajig	6287.....habew	7287.....hafw
6135.....abdarn	5275.....abgyt	14275.....akedw	4277.....hajoy	6277.....habgy	7277.....hafky
6135.....abded	5135.....abhai	14135.....akegz	4137.....hajur	6137.....habin	7137.....hagan
6175.....abdiu	5315.....abhdm	14315.....akehn	4317.....hakak	6317.....habjo	7317.....hagbo
6175.....abduy	5175.....abhnu	14175.....akeio	4177.....hakeb	6177.....hacar	7177.....hagba
6395.....abeki	5395.....abijd	14395.....akewe	4397.....halie	6397.....hacva	7397.....haiba
6215.....abdoz	5215.....abhov	14215.....akejp	4217.....hakif	6217.....hacdu	7217.....hagiv
6185OB.....abduz	5025.....abhys	14025.....akems	4027.....hakox	6027.....hacev	7027.....hagly
6185OB.....abeal	5185OB.....abibi	14185OB.....akeni	4187OB.....hakpy	6187OB.....hachy	7187OB.....hahon
6165.....abeec	5165.....abiel	14165.....akepk	4167.....hakso	6167.....haciz	7167.....hahut

Numbers (Brass or Bronze Metal)

6045.....abefd	5045.....abifm	14045.....akerm
6065.....abege	5065.....abiga	14065.....akesa
6225.....abeht	5225.....abihb	14225.....akeuc
6405.....abeig	5405.....abiic	14405.....akevd

Numbers (Brass or Bronze Metal)

4047.....hakuq	6047.....hacko	7047.....hahvu
4067.....hakyu	6067.....hacog	7067.....hahyx
4227.....halaj	6227.....hacqi	7227.....hahzy
4407.....halea	6407.....hacum	7407.....haiaa

Chicago Screen Door Hinges Page 44

Detachable Type Screen Door Hinges Page 45

Screen Door Hinges Page 46

In specifying the quantity do not say pairs; we assume it.

2005.....abkaf	3005.....aboab	4005.....abwas	8005.....acfal	28005.....achaj	505.....acbao
2115.....abkdi	3115.....abocd	4115.....abwcu	8015.....acfoy	28015.....achgy	505X.....acbes
2285.....abkej	3285.....aboef	4285.....abwew	8285.....acfki	28285.....achow	585.....acbod
2275.....abkos	3275.....abogh	4275.....abwgy	8175.....acfea	28175.....achea	375.....acbiw
2135.....abkqu	3135.....aboiq	4135.....abwin	8395.....acfro	28395.....achto	605.....acdpd
2315.....ablae	3315.....abokl	4315.....abwjo	8215.....acfig	28215.....achmi	605X.....acdut
2175.....ablim	3175.....abpaz	4175.....abxar	8185OB.....acfige	28185OB.....achie	685.....acdam
2395.....ablja	3395.....aboht	4395.....abwye	18005.....acgak	38005.....achibj	675.....acdex
2215.....ablor	3215.....abpeq	4215.....abxdu	18015.....acgli	38015.....acikl	7005.....acizt
2025.....ablux	3025.....abpiu	4025.....abxev	18285.....acgif	38285.....acihe	7285.....acjah
2185OB.....ablvv	3185OB.....abpob	4185OB.....abxhy	18175.....acgda	38175.....acick	7175.....acjbi
2165.....abmbc	3165.....abpyl	4165.....abxko	18395.....acgoc	38395.....acilg	
			18215.....acghe	38215.....aciem	
			18185OB.....acgeb	38185OB.....acidl	

Numbers (Brass or Bronze Metal)

2055.....abmeh	3055.....abqay	4055.....abxog
2045.....abmil	3045.....abqep	4045.....abxqi
2075.....abmyn	3075.....abqit	4075.....abxum
2225.....abnac	3225.....abqoa	4225.....abxva

Door Closers Page 43

25BL.....	adabr
25SBL.....	adaes
25DNL.....	adadt

Chicago Door Springs Page 47

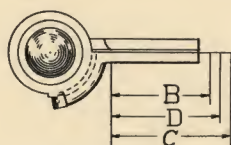
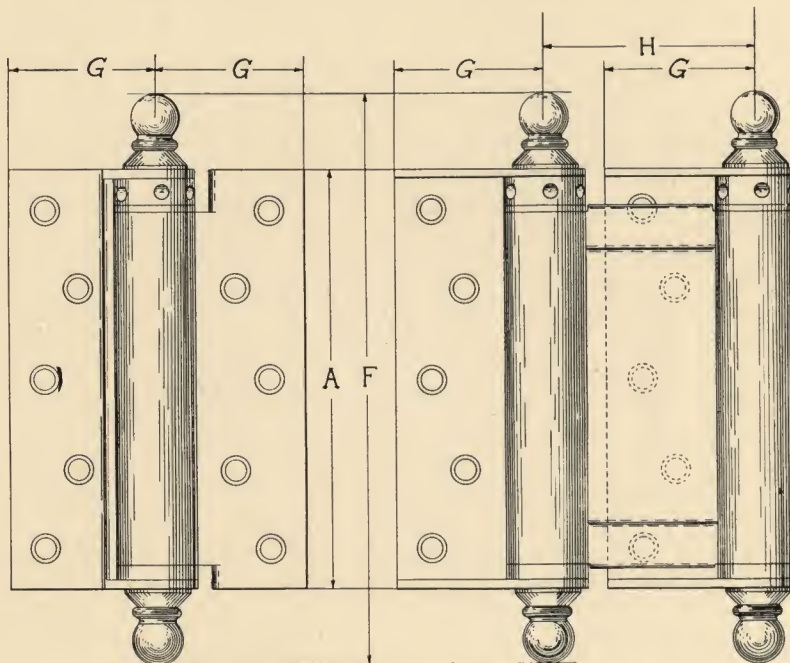
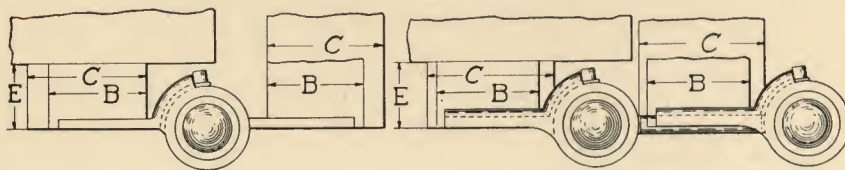
280.....One Dozen	dabaw	291.....One Dozen	dadho	252.....One Dozen	dajky	220.....One Dozen	darah
280½....." "	dabey	291½....." "	dadip	253....." "	dakan	220½....." "	darbi
281....." "	daben	292....." "	daent	240....." "	dalon	221....." "	darel
281½....." "	dabfo	293....." "	daebu	240½....." "	dalut	221½....." "	darou
282....." "	dabir	260....." "	dahaq	241....." "	dalyx	222....." "	darsy
283....." "	dablu	260½....." "	dahau	241½....." "	dadam	223....." "	dasag
230....." "	dacav	261....." "	dahyo	242....." "	damed		
230½....." "	daedy	261½....." "	dahlo	243....." "	damiu		
231....." "	dacez	262....." "	daiap	210....." "	danal		
231½....." "	daego	263....." "	daier	210½....." "	danec		
232....." "	daciq	250....." "	dajao	211....." "	danig		
233....." "	daemu	250½....." "	dajes	211½....." "	danoy		
290....." "	dadau	251....." "	dajgu	212....." "	danur		
290½....." "	dadey	251½....." "	dajiw	213....." "	daoak		

Reliance Door Springs Page 47

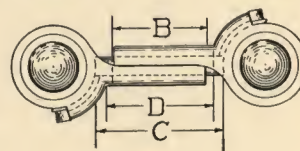
270L.....One Dozen	diabt
270M....." "	diacu
270H....." "	diady

Chicago "Triplex" Spring Butt-Hinges

Detail Drawing with Approximate Measurements



Type 2002



Type 2001

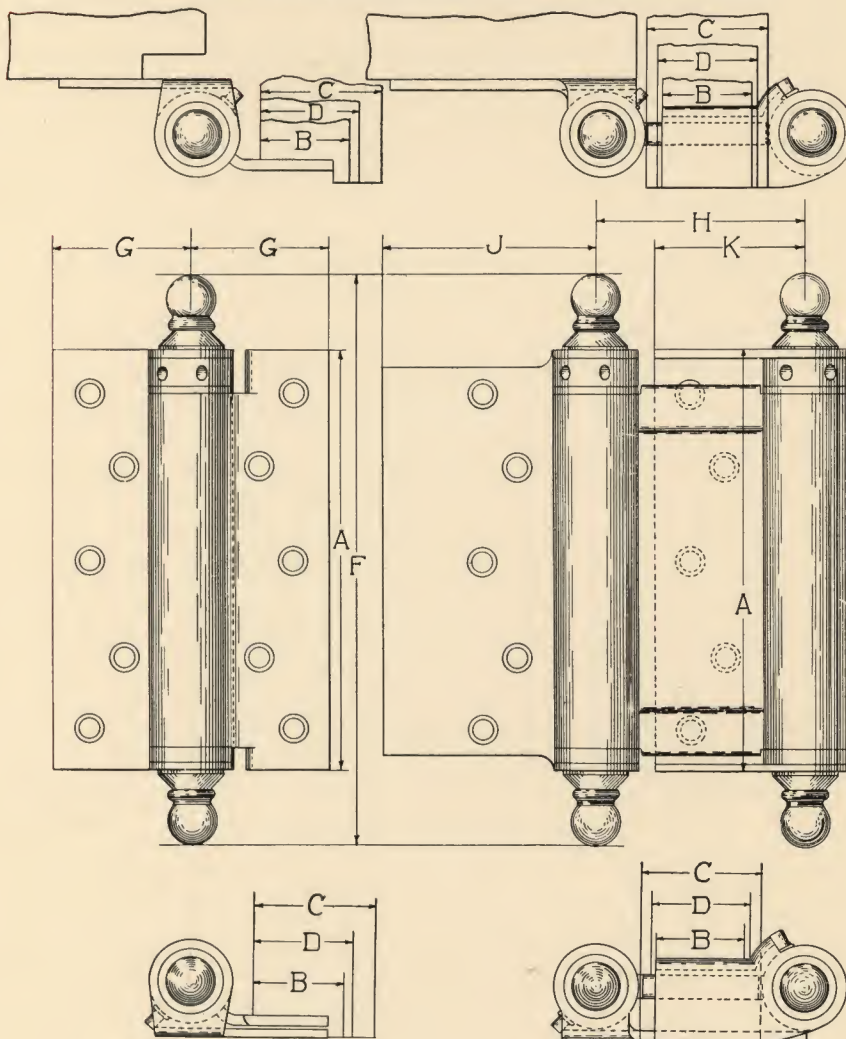
APPROXIMATE DIMENSIONS IN INCHES
Template Blue Print or Template Hinge will be sent on request.

A	B	C	D	E	F	G	H
Length of Flange (Size of Hinge)	Minimum Thickness of Door or Hanging Strip	Maximum Thickness of Door or Hanging Strip with Chamfering	Maximum Thickness of Door or Hanging Strip Without Chamfering. For Metal Doors	Depth of Hanging Strip	Length Over All	Axial Center to Edge of Flange	Distance Between Axial Centers
3	$\frac{3}{4}$	1	$\frac{13}{16}$	$\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{5}{16}$	$1\frac{7}{8}$
4	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{1}{16}$	$\frac{5}{8}$	$5\frac{1}{2}$	$1\frac{13}{32}$	$2\frac{1}{8}$
5	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{7}{32}$	$\frac{3}{4}$	$6\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{15}{32}$
6	$1\frac{5}{16}$	$1\frac{3}{4}$	$1\frac{9}{16}$	$\frac{7}{8}$	$8\frac{1}{8}$	$1\frac{29}{32}$	$2\frac{27}{32}$
7	$1\frac{3}{8}$	2	$1\frac{1}{2}$	1	$9\frac{1}{4}$	$2\frac{3}{16}$	3
8	$1\frac{11}{16}$	$2\frac{1}{4}$	$1\frac{3}{4}$	1	$10\frac{5}{8}$	$2\frac{9}{16}$	$3\frac{15}{32}$
10	$1\frac{13}{16}$	$2\frac{1}{2}$	2	$1\frac{1}{8}$	$13\frac{1}{8}$	$2\frac{27}{32}$	$3\frac{15}{16}$
12	$2\frac{1}{4}$	3	$2\frac{5}{8}$	$1\frac{1}{4}$	$15\frac{1}{4}$	$3\frac{3}{8}$	$4\frac{13}{16}$

(See Pages 8, 9, 10 and 11)

Chicago "Simplex" Spring Butt-Hinges

Detail Drawing with Approximate Measurements



Type 9002

Type 9001

APPROXIMATE DIMENSIONS IN INCHES

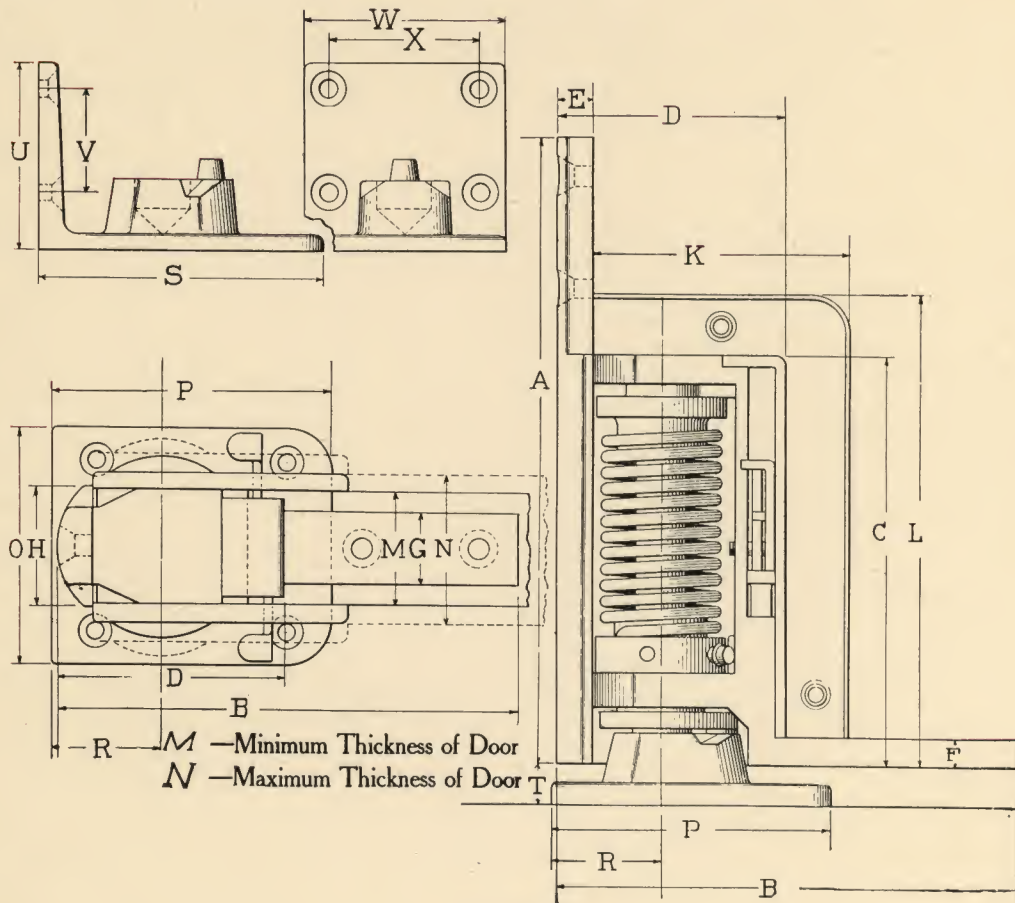
Template Blue Print or Template Hinge Will Be Sent on Request.

A	B	C	D	F	G	H	J	K
Length of Flange (Size of Hinge)	Minimum Thickness of Door	Maximum Thickness of Door With Chamfering	Maximum Thickness of Door Without Chamfering. For Metal Doors	Length Over All	Axial Center to Edge of Flange	Distance Between Axial Centers	Axial Center to Edge of Jamb Flange	Axial Center to Edge of Door Flange
3	$\frac{3}{4}$	1	$\frac{7}{8}$	$\frac{49}{16}$	$\frac{13}{64}$	$\frac{17}{8}$	$\frac{129}{32}$	$\frac{15}{16}$
4	$\frac{7}{8}$	$1\frac{1}{4}$	1	$\frac{55}{8}$	$\frac{15}{16}$	$\frac{21}{8}$	$\frac{29}{32}$	$\frac{113}{32}$
5	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{63}{4}$	$\frac{15}{8}$	$\frac{215}{32}$	$\frac{217}{32}$	$\frac{13}{4}$
6	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{3}{8}$	$\frac{81}{4}$	$\frac{123}{32}$	$\frac{227}{32}$	$\frac{215}{32}$	$\frac{129}{32}$
7	$1\frac{3}{8}$	$1\frac{7}{8}$	$1\frac{1}{2}$	$\frac{99}{32}$	2	3	$\frac{31}{8}$	$\frac{23}{16}$
8	$1\frac{3}{4}$	2	$1\frac{3}{4}$	$10\frac{11}{16}$	$\frac{225}{64}$	$\frac{315}{32}$	$\frac{35}{8}$	$\frac{29}{16}$
10	$1\frac{3}{4}$	$2\frac{1}{2}$	2	$13\frac{1}{8}$	$\frac{217}{32}$	$\frac{315}{16}$	$\frac{41}{16}$	$\frac{213}{16}$

(See Pages 12, 13, 14 and 15)

Chicago "Relax" Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 6001

APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge Will Be Sent on Request

For Doors	A	B	C	D	E	F	G	H	K	L	M	N	O	P	R	S	T	U	V	W	X
1 1/8 to 1 1/2	8 1/16	5 7/8	5 3/8	2 3/4	1 3/32	3/8	3/4	1 3/16	3 1/16	6 1/4	1 1/8	1 1/2	2 13/16	3 1/2	1 5/16	3 13/16	7/16	2 1/2	1 3/8	2 13/16	2 1/16
1 1/2 to 2	8 3/8	6 1/8	5 1/2	3 1/16	1 13/32	3/8	1	1 9/16	3 7/16	6 5/16	1 1/2	2	3 3/16	3 3/4	1 1/2	4 3/32	9/16	2 1/2	1 3/8	3 3/16	2 3/8
1 3/4 to 2 3/4	10	7 1/16	7 1/16	4	5/8	3/8	1 3/8	2 1/8	4 1/8	7 7/8	1 3/4	2 3/4	3 13/16	4 1/2	2 3/16	4 13/16	1 1/2	3 1/4	1 3/4	3 13/16	2 3/4

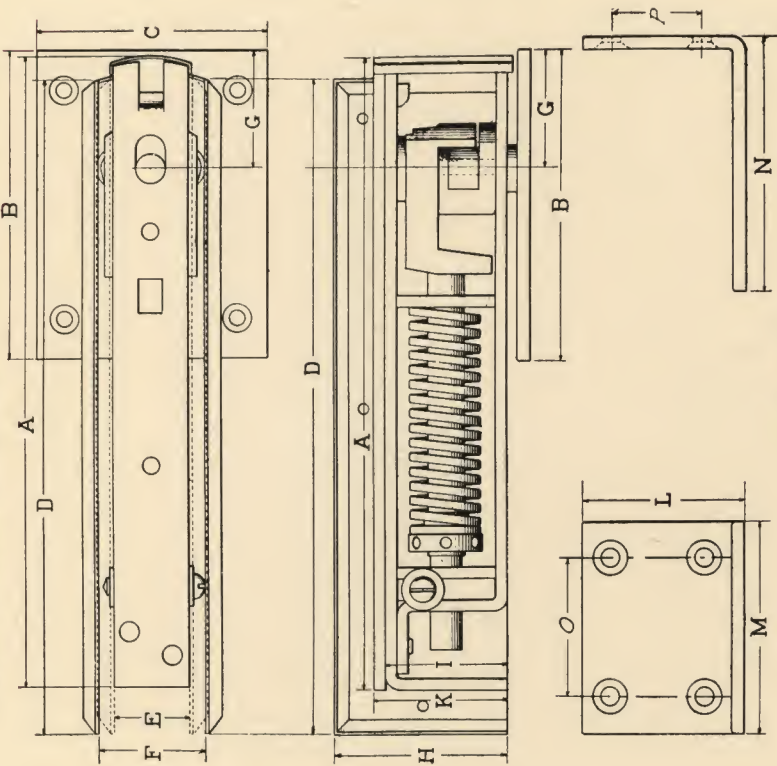
No hanging strip is required. Jamb edge of door is slightly rounded.

This hinge is furnished, when so specified, with a special "Jamb Attaching Plate," for concrete floors, as shown by detail dimensions, "S," "U," "V," "W" and "X." It is applied to the door casing.

(See Pages 20 and 21)

Chicago "Premier" Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 4001

APPROXIMATE DIMENSIONS IN INCHES

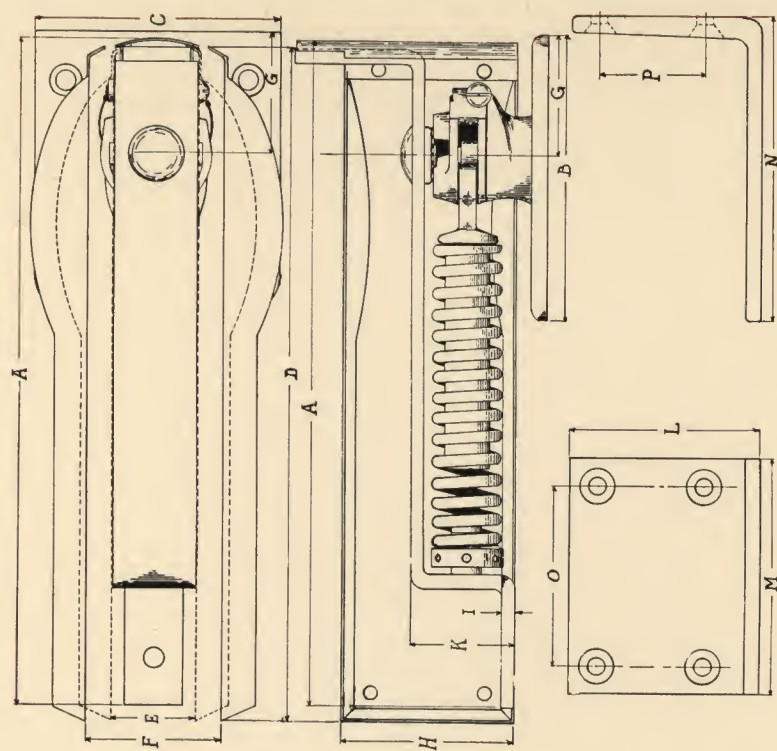
Template Blue Print or Template Hinge will be sent on request.

For Doors	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1 1/8 to 1 3/4	9 1/8	4	3	9 3/16	1 3/8	1 3/4	1 5/8	2 1/2	1 1/2	1 5/8	2 3/8	3	3 11/16	2	1 5/16	
1 3/4 to 2 3/4	10 1/4	4 1/2	3 13/16	10 1/4	1 3/4	2 3/8	2 1/8	2 5/8	2	2 5/8	3 1/4	3 13/16	4 3/4	2 3/4	1 3/4	

No hanging strip is required. Jamb edge of door is slightly rounded. This hinge is furnished, when so specified, with a special "Jamb Attaching Plate" for concrete floors, as shown by detail dimensions "L," "M," "N," "O" and "P." It is applied to the door casing. These plates are a part of the hinge and cannot be supplied individually for the regular hinges. (See Pages 22 and 23)

Chicago "Ajax" Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 3001

APPROXIMATE DIMENSIONS IN INCHES

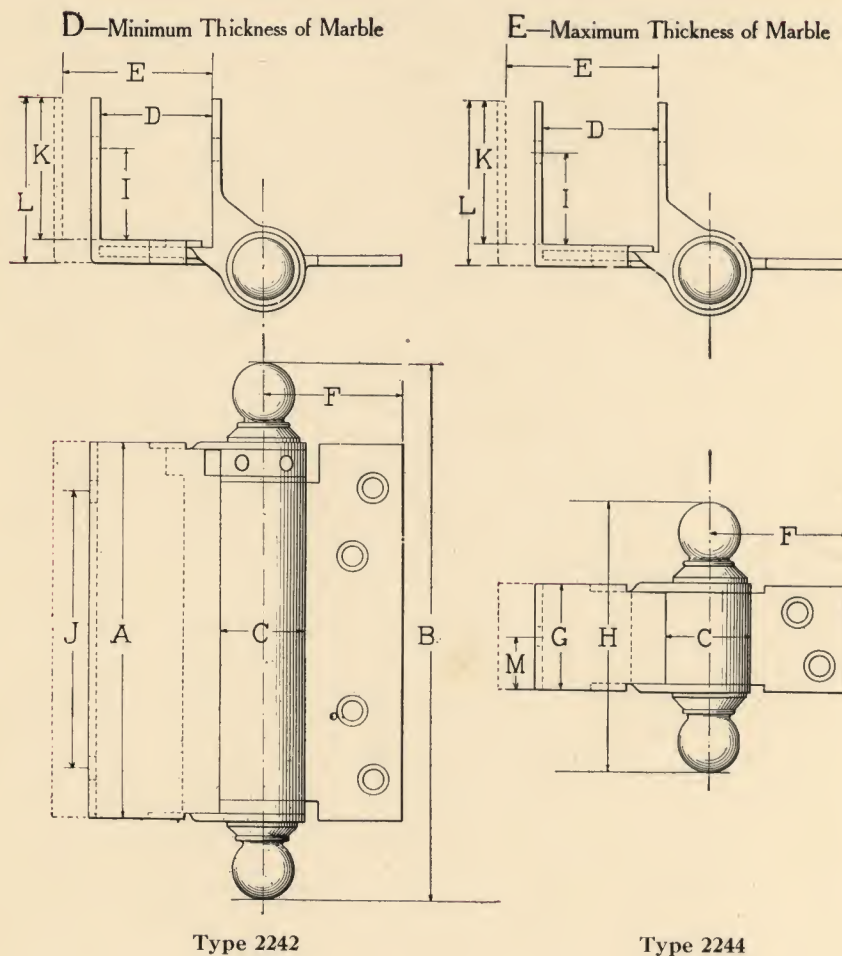
Template Blue Print or Template Hinge will be sent on request.

For Doors	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1 1/8 to 1 3/4	8 13/16	3 3/4	3 5/16	9	1 1/8	1 3/4	1 3/8	2 1/4	3/16	1 3/8	2 1/2	3 1/8	4	2 5/8	1 3/8	

No hanging strip is required. Jamb edge of door is slightly rounded. This hinge is furnished, when so specified, with a special "Jamb Attaching Plate" for concrete floors, as shown by detail dimensions "L," "M," "N," "O" and "P." It is applied to the door casing. These plates are a part of the hinge and cannot be supplied individually for the regular hinges. (See Page 24)

Chicago "Triplex" Lavatory Spring Hinges

Detail Drawing with Approximate Measurements



APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge Will Be Sent on Request

*Partition Thickness	A	B	C	D	E	F	G	H	I	J	K	L	M
1 inch	4	5 ⁵ / ₈	7 ⁷ / ₈	7 ⁷ / ₈	11 ¹ / ₈	17 ¹ / ₁₆	11 ¹ / ₈	27 ⁷ / ₈	15 ¹⁵ / ₁₆	27 ⁷ / ₈	11 ¹ / ₂	13 ³ / ₄	9 ⁹ / ₁₆
1 ¹ / ₄ inches	4	5 ⁵ / ₈	7 ⁷ / ₈	11 ¹ / ₈	13 ¹ / ₈	17 ¹ / ₁₆	11 ¹ / ₈	27 ⁷ / ₈	15 ¹⁵ / ₁₆	27 ⁷ / ₈	11 ¹ / ₂	13 ³ / ₄	9 ⁹ / ₁₆
1 ¹ / ₂ inches	4	5 ⁵ / ₈	7 ⁷ / ₈	13 ³ / ₈	15 ⁵ / ₈	17 ¹ / ₁₆	11 ¹ / ₈	27 ⁷ / ₈	15 ¹⁵ / ₁₆	27 ⁷ / ₈	11 ¹ / ₂	13 ³ / ₄	9 ⁹ / ₁₆
1 ³ / ₄ inches	4	5 ⁵ / ₈	7 ⁷ / ₈	15 ⁵ / ₈	17 ⁷ / ₈	17 ¹ / ₁₆	11 ¹ / ₈	27 ⁷ / ₈	15 ¹⁵ / ₁₆	27 ⁷ / ₈	11 ¹ / ₂	13 ³ / ₄	9 ⁹ / ₁₆
2 inches	4	5 ⁵ / ₈	7 ⁷ / ₈	17 ⁷ / ₈	21 ¹ / ₈	17 ¹ / ₁₆	11 ¹ / ₈	27 ⁷ / ₈	15 ¹⁵ / ₁₆	27 ⁷ / ₈	11 ¹ / ₂	13 ³ / ₄	9 ⁹ / ₁₆

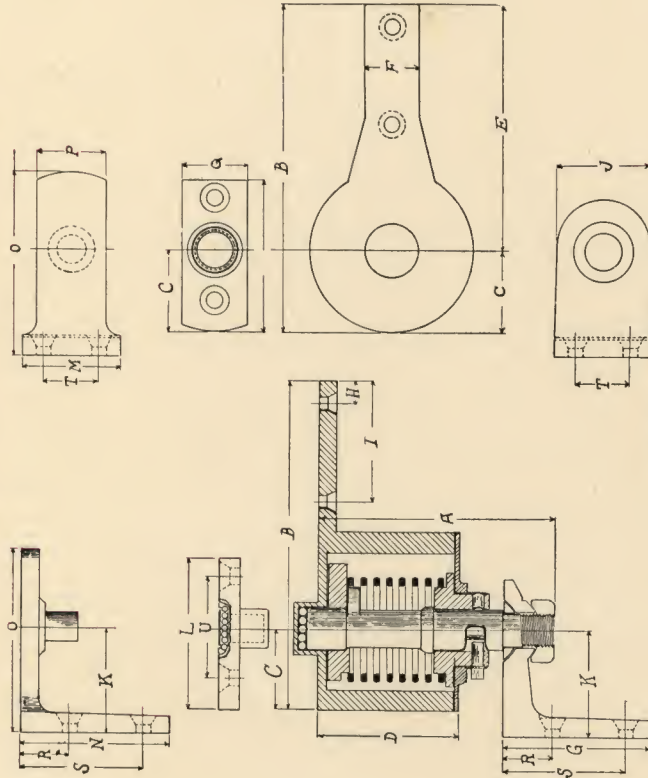
*Clamp flange of hinges is adjustable ¹/₈ inch over and under this partition thickness.

When so specified, hinges will be furnished with reverse action springs to hold the door open.

(See Page 28)

Chicago "Sagless" Gate Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 4007

APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge will be sent on request.

	A	B	C	D	E	F	G	H	I	J	K
For Doors 1½ to 2½	3½	5	1¼	2½	3¾	¾	2¼	¾	1¾	1½	1½
	L	M	N	O	P	Q	R	S	T	U	
	2½	1½	2¼	2½	1½	1	¾	1¾	1¾	1½	

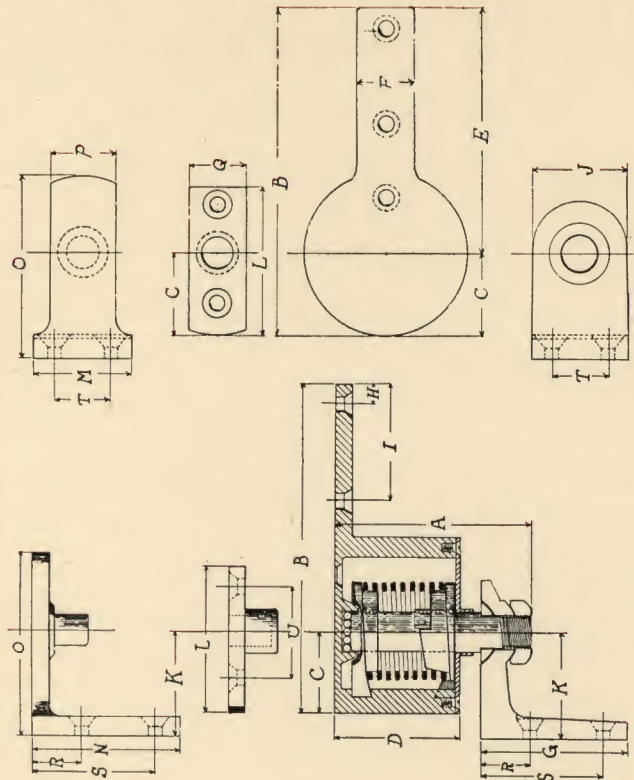
Jamb edge of gate is slightly rounded.

No hanging strip is required. If hanging strip is used, it must be at least as wide as dimension "J" and extend below gate at least 7 inches. If gate extends to floor level, use Type 4007M-RB hinge (similar to Type 6007M-RB illustrated on Page 40). Detail Drawing Type 4007M-RB will be sent on request.

(See Page 40)

Chicago "Sagless" Gate Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 6007

APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge will be sent on request.

	A	B	C	D	E	F	G	H	I	J	K
For Doors ¾ to 2½	3½	5	1¼	1½	3¾	¾	2¼	¾	1¾	1½	1½
	L	M	N	O	P	Q	R	S	T	U	
	2½	1½	2¼	2½	1½	¾	¾	1¾	1¾	1½	

Jamb edge of gate is slightly rounded.

No hanging strip is required. If hanging strip is used, it must be at least as wide as dimension "J" and extend below gate at least 4½ inches. If gate extends to floor level, use Type 6007M-RB hinge (illustrated on Page 40). Detail drawing of Type 6007M-RB will be sent on request.

(See Page 40)

Table of Approximate Weights

Chicago "Triplex" Spring Butt-Hinges

SIZE	Weight per Pair with Screws	
	Double Acting Type 2001	Single Acting Type 2002
3 in. $\frac{3}{4}$ to 1 in.	2 $\frac{3}{8}$ pounds	1 $\frac{3}{8}$ pounds
4 in. $\frac{7}{8}$ to 1 $\frac{1}{4}$ in.	3 $\frac{1}{4}$ "	2 "
5 in. 1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	5 "	3 $\frac{1}{8}$ "
5 in. (Gate Type)	4 $\frac{3}{8}$ "
6 in. 1 $\frac{1}{4}$ to 1 $\frac{3}{4}$ in.	7 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "
6 in. (Gate Type)	9 $\frac{1}{2}$ "
7 in. 1 $\frac{3}{8}$ to 2 in.	10 $\frac{1}{2}$ "	6 $\frac{1}{4}$ "
8 in. 1 $\frac{1}{2}$ to 2 $\frac{1}{4}$ in.	16 "	8 $\frac{1}{2}$ "
10 in. 1 $\frac{3}{4}$ to 2 $\frac{1}{2}$ in.	24 "	13 $\frac{1}{4}$ "
12 in. 2 $\frac{1}{4}$ to 3 in.	38 $\frac{1}{2}$ "	21 "

Chicago "Simplex" Spring Butt-Hinges

SIZE	Weight per Pair with Screws	
	Double Acting Type 9001	Single Acting Type 9002
3 in. $\frac{3}{4}$ to 1 in.	2 $\frac{3}{4}$ pounds	1 $\frac{1}{2}$ pounds
4 in. $\frac{7}{8}$ to 1 $\frac{1}{4}$ in.	3 $\frac{1}{2}$ "	2 "
5 in. 1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	5 $\frac{1}{2}$ "	3 $\frac{1}{8}$ "
6 in. 1 $\frac{1}{4}$ to 1 $\frac{3}{4}$ in.	8 "	4 $\frac{1}{2}$ "
7 in. 1 $\frac{3}{8}$ to 2 in.	11 $\frac{1}{4}$ "	6 "
8 in. 1 $\frac{1}{2}$ to 2 $\frac{1}{4}$ in.	16 $\frac{3}{4}$ "	9 "
10 in. 1 $\frac{3}{4}$ to 2 $\frac{1}{2}$ in.	27 $\frac{3}{4}$ "	10 $\frac{1}{2}$ "

Chicago Spring and Springless Butt-Hinges

SIZE	Weight per Pair with Screws	
	Spring Hinges Type 1 $\frac{1}{2}$	Springless Hinges Type 3 $\frac{1}{2}$
$\frac{7}{8}$ to 1 in.	4 $\frac{3}{8}$ pounds	1 $\frac{3}{8}$ pounds
1 $\frac{1}{8}$ to 1 $\frac{1}{4}$ in.	5 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "
1 $\frac{3}{8}$ to 1 $\frac{1}{2}$ in.	10 "	2 $\frac{3}{8}$ "
1 $\frac{1}{2}$ to 2 in.	15 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "
2 $\frac{1}{4}$ to 2 $\frac{1}{2}$ in.	29 $\frac{3}{8}$ "	6 $\frac{1}{2}$ "
2 $\frac{3}{4}$ to 3 in.	42 $\frac{1}{4}$ "	9 $\frac{1}{2}$ "

Chicago "Relax" Spring Pivot-Hinges—Type 6001

SIZE	Weight per Set with Screws
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	5 $\frac{5}{8}$ pounds
1 $\frac{1}{2}$ to 2 in.	7 $\frac{7}{8}$ "
1 $\frac{3}{4}$ to 2 $\frac{3}{4}$ in.	13 "

**Chicago "Non-Release" Spring Pivot-Hinges
Type NR6001**

SIZE	Weight per Set with Screws
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	5 pounds
1 $\frac{1}{2}$ to 2 in.	7 $\frac{1}{4}$ "
1 $\frac{3}{4}$ to 2 $\frac{3}{4}$ in.	12 $\frac{1}{4}$ "

**Chicago "Premier" Spring Pivot-Hinges
Type 4001**

SIZE	Weight per Set with Screws
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	4 $\frac{3}{8}$ pounds
1 $\frac{1}{2}$ to 2 in.	8 "

Chicago "Ajax" Spring Pivot-Hinges—Type 3001

SIZE	Weight per Set with Screws
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	3 $\frac{3}{8}$ pounds

Chicago "Eight Thousand" Spring Pivot-Hinge

SIZE	Weight per Set with Screws
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	3 $\frac{1}{2}$ pounds

Chicago "Durex" Spring Pivot-Hinges—Type 17001

SIZE	Weight per Set with Screws
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in.	3 pounds

Chicago Spring Pivot-Hinges—Type 5001

SIZE	Weight per Set with Screws
$\frac{3}{8}$ to 1 $\frac{1}{2}$ in.	6 pounds
1 $\frac{1}{2}$ to 2 in.	7 $\frac{7}{8}$ "
2 to 2 $\frac{1}{2}$ in.	10 $\frac{1}{2}$ "
2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ in.	11 "

Chicago Lavatory Door Bolts

No.	Weight Each with Screws
1250K	$\frac{3}{4}$ pound
1254K	$\frac{3}{4}$ "
1242K	$\frac{3}{4}$ "
1252K	1 "
1236K	$\frac{1}{2}$ "
1238K	$\frac{1}{2}$ "
1240K	1 "
1248K	$\frac{5}{8}$ "
1244K	$\frac{5}{8}$ "

These weights include the box and wrapping, but not the packing case or packing.
To calculate approximate gross weight, including packing case and packing, add 10% to above weights.
Weights given for Lavatory Spring Hinges with clamp flanges are for 1 $\frac{1}{4}$ in. partition.

Chicago Lavatory Spring Hinges

No.	Weight with Bolts and Screws
2242—4 in.	Per Pair 2 $\frac{7}{8}$ pounds
2142—3 in.	" " 2 $\frac{3}{4}$ "
2242A	" " 4 $\frac{3}{8}$ "
2242A	" " 3 $\frac{1}{2}$ "
2241	" " 4 $\frac{1}{4}$ "
2241A	" " 6 $\frac{1}{8}$ "
2242, 4 in.—2244	" set 2 "
2242A—2244A	" " 3 "
2842	" pair 3 $\frac{5}{8}$ "
2742	" " 3 $\frac{3}{8}$ "
2642	" " 5 $\frac{1}{2}$ "
2542	" " 4 $\frac{1}{2}$ "
2842—2844	" set 2 $\frac{1}{2}$ "
2742—2744	" " 2 $\frac{3}{8}$ "
2642—2644	" " 4 "
2542—2544	" " 3 $\frac{1}{8}$ "
F2222	" pair 2 $\frac{5}{8}$ "
F2222—F2224	" set 2 "
2442—4 in.	" pair 3 "
2443—3 in.	" " 2 $\frac{1}{8}$ "
2442, 4 in.—2444	" set 2 $\frac{1}{4}$ "
2442, 4 in.—2446	" " 2 $\frac{1}{2}$ "
C6221	" " 5 $\frac{1}{2}$ "
P6221	" " 4 $\frac{1}{2}$ "
F6221	" " 4 $\frac{1}{2}$ "
FR6221	" " 4 $\frac{1}{2}$ "
C or CI7227S or M	" " 3 $\frac{1}{2}$ "
P7227S or M	" " 2 $\frac{3}{8}$ "
F or FR7227S or M	" " 2 $\frac{1}{4}$ "
C or CI6227S or M	" " 3 $\frac{3}{4}$ "
P6227S or M	" " 3 $\frac{1}{8}$ "
F or FR6227S or M	" " 3 "
C or CI4227S or M	" " 4 $\frac{1}{4}$ "
P4227S or M	" " 3 $\frac{3}{8}$ "
F or FR4227S or M	" " 3 $\frac{3}{4}$ "

Lavatory Door Stops

No.	Weight with Bolts and Screws
1247A, B, C, D, E, F, G, H .. Each	$\frac{5}{8}$ pound
11247A, B ..	1 "
1347A ..	$\frac{5}{8}$ "
1253 ..	$\frac{3}{4}$ "
D1253 ..	$\frac{7}{8}$ "

Chicago Gravity Pivot-Hinges

No.	Weight with Bolts and Screws
C or CI47227S	Sets 3 $\frac{1}{2}$ pounds
P47227S	" 3 $\frac{1}{8}$ "
F47227S	" 2 $\frac{1}{2}$ "
F47228S	" 2 $\frac{3}{4}$ "

Sagless Gate Spring Pivot-Hinges

Type	Weight per set with Screws
4007	Sets 3 $\frac{1}{2}$ pounds
6007	" 3 $\frac{1}{8}$ "
7007	" 2 $\frac{1}{2}$ "

Chicago Screen Door and Cabinet Spring Hinges

Type	Weight with Screws
2005	Per pair 1 $\frac{1}{2}$ pounds
3005	" " 1 $\frac{1}{4}$ "
4005	" " 1 $\frac{1}{4}$ "
8005-18005	" " $\frac{7}{8}$ "
28005-38005	" " 1 "
5005	" " 1 "
6005	" " 1 $\frac{1}{8}$ "
505 (without screws) Gross pairs	96 "
505x	" " 102 "
605 (without screws) " "	102 "
605x	" " 108 $\frac{1}{4}$ "
1505	" sets 126 "
1605	" " 132 "
7005	" pairs 208 $\frac{1}{2}$ "

Chicago Door Springs—Type 280

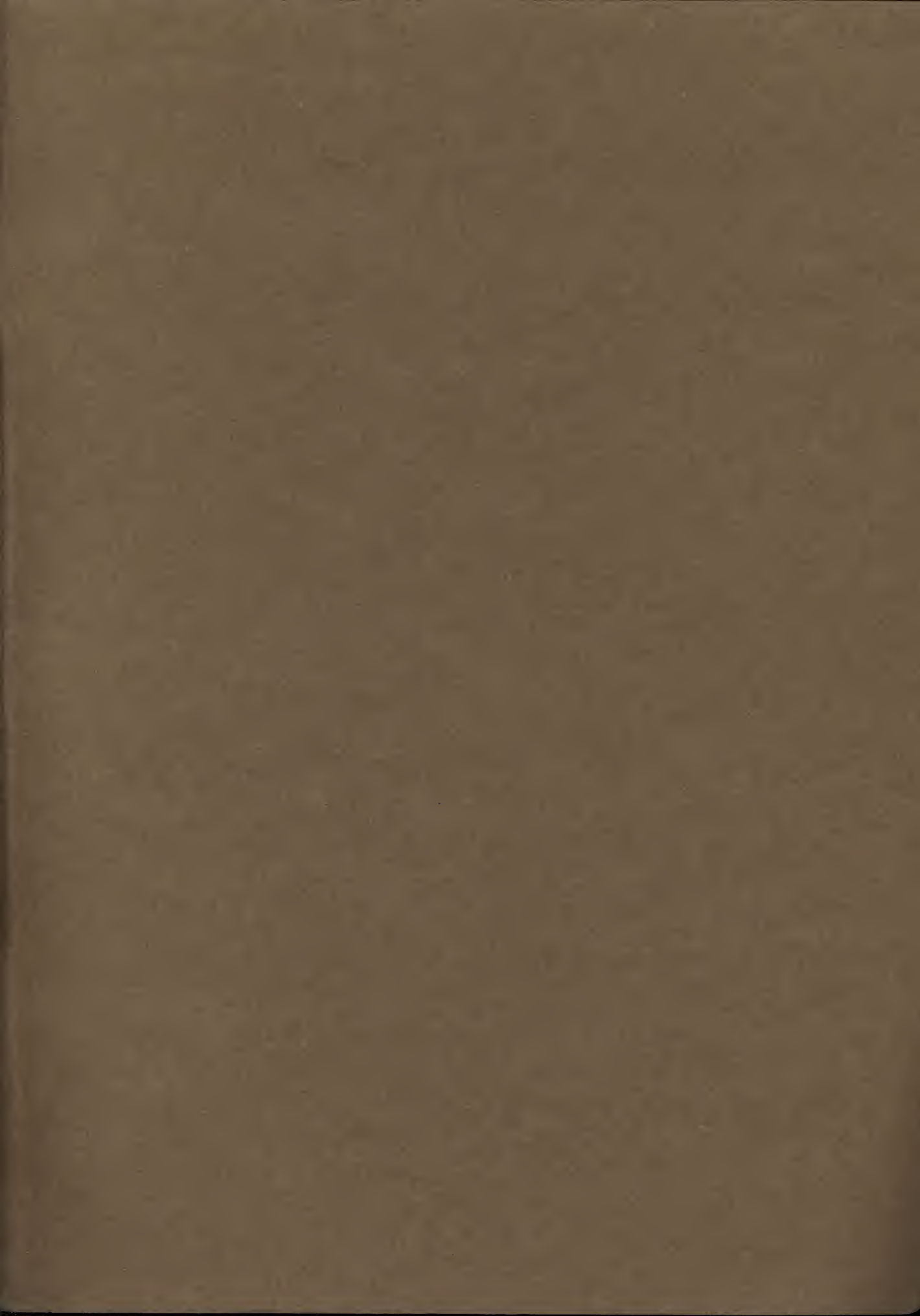
SIZE	Weight per Gross
9 in.	78 pounds
10 in.	84 "
11 in.	114 "
12 in.	132 "
13 in.	216 "
14 in.	240 "

Chicago "Reliance" Door Springs—Type 270

SIZE	Weight per Gross
7 in. (Light)	93 $\frac{3}{4}$ pounds
8 in. (Medium)	136 "
10 in. (Heavy)	247 $\frac{1}{2}$ "

Checking Door Closers—Type 25

SIZE	Weight per Gross
25 or 125	3 pounds





LAVATORY
STALL PARTITION FITTINGS

SUPPLEMENT
FOR
CATALOGUE NO. 55

CHICAGO SPRING HINGE COMPANY
MANUFACTURERS
CHICAGO NEW YORK
U. S. A.

Lavatory Stall Standards

Polished Brass Metal, Nickel Plated



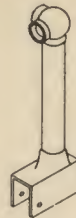
No. 810



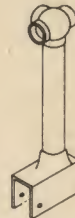
No. 800



No. 800A



No. 800B



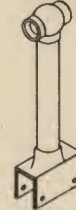
No. 800C



No. 811



No. 801



No. 801A



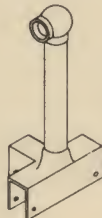
No. 801B



No. 801C



No. 812



No. 802



No. 802A



No. 802B



No. 802C



No. 813



No. 803



No. 803A



No. 803B



No. 803C

Bottom Standards

810 Bottom Standard, end..... See Price Sheet
811 Bottom Standard, center..... " " "

812 Bottom Standard, tee..... See Price Sheet
*813 Bottom Standard, corner..... " " "

Bottom Standards are 12 inches high, unless otherwise specified, and made for partitions and stiles $\frac{7}{8}$ inch to $1\frac{3}{4}$ inch as specified. Height is from floor to bottom of partition. Posts are $1\frac{1}{4}$ inch O. D. tubing.

Top Standards

800 End clamp, end ball fitting..... See Price Sheet
800A End clamp, center ball fitting..... " " "
800B End clamp, corner ball fitting..... " " "
800C End clamp, tee ball fitting..... " " "
801 Center clamp, end ball fitting..... " " "
801A Center clamp, center ball fitting..... " " "
801B Center clamp, corner ball fitting..... " " "
801C Center clamp, tee ball fitting..... " " "

802 Tee clamp, end ball fitting..... See Price Sheet
802A Tee clamp, center ball fitting..... " " "
802B Tee clamp, corner ball fitting..... " " "
802C Tee clamp, tee ball fitting..... " " "
*803 Corner clamp, end ball fitting..... " " "
*803A Corner clamp, center ball fitting..... " " "
*803B Corner clamp, corner ball fitting..... " " "
*803C Corner clamp, tee ball fitting..... " " "

Top Standards are ~~14~~ inches high, unless otherwise specified. Height is from top of partition to center of top rail. Posts are $1\frac{1}{4}$ inch O. D. tubing with ball fittings for $1\frac{1}{4}$ inch O. D. railing and partition and stile fittings $\frac{7}{8}$ inch to $1\frac{3}{4}$ inch, as specified. Prices include thru bolts for fastening to partition and stiles also set screws to secure tubing rail.

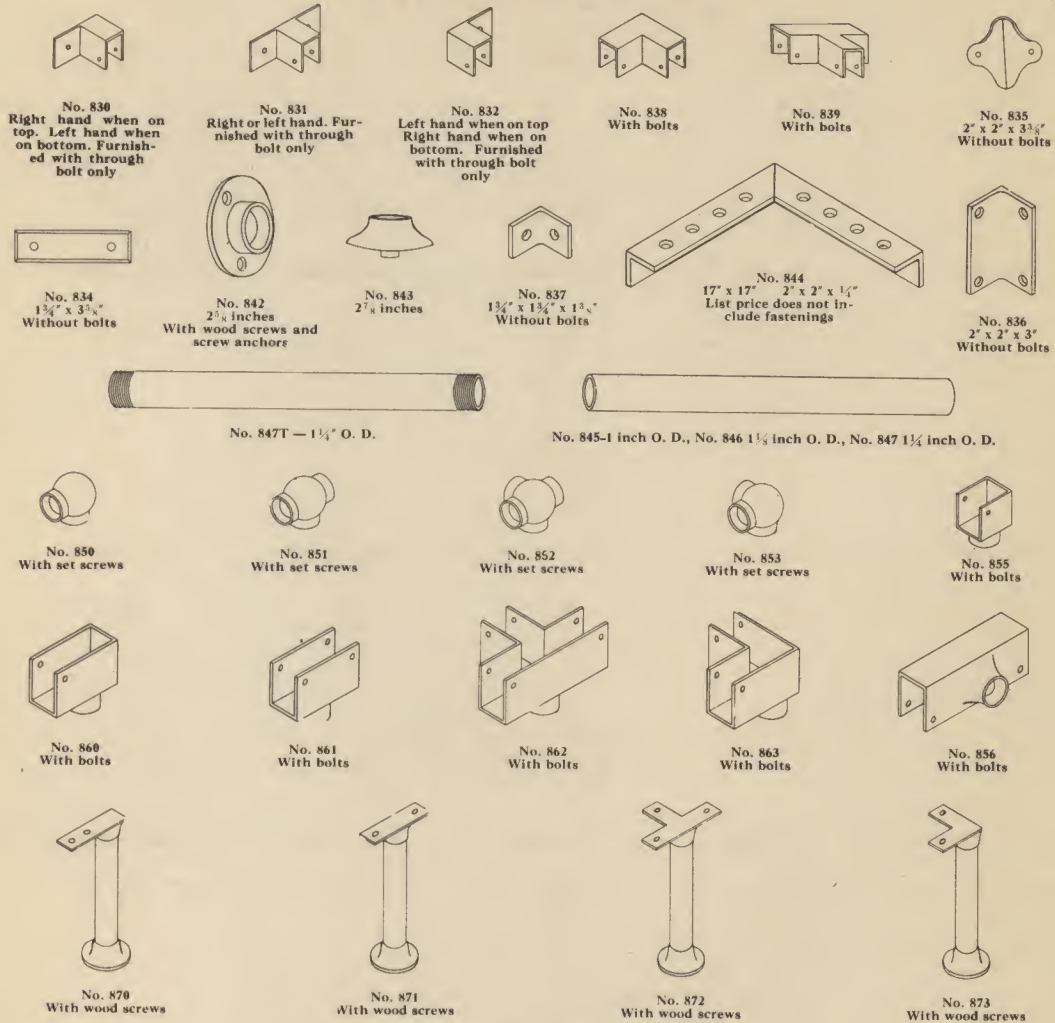
Always specify thickness of partition and stile.

*Specify hand of fitting. Hand of fitting is determined from position facing the stall.

TRADE **CHICAGO** MARK

Lavatory Stall Fittings and Standards

Polished Brass Metal, Nickel Plated



Polished Brass, Nickel Plated

830 Partition support, end	See Price Sheet	847T Tubing Post 1 1/4 inch O. D.	See Price Sheet
831 Partition support, center	" " "	850 End ball fitting	" " "
832 Partition support, end	" " "	851 Center ball fitting	" " "
834 Flat Plate	" " "	852 Tee ball fitting	" " "
835 Angle	" " "	853 Corner ball fitting	" " "
836 Angle, extra heavy	" " "	855 Shower curtain rod clamp	" " "
837 Angle	" " "	856 Shower curtain rod clamp	" " "
*838 Corner clamp	" " "	860 End clamp, top or bottom	" " "
839 Tee clamp	" " "	861 Center clamp, top or bottom	" " "
842 Wall Flange	" " "	862 Tee clamp, top or bottom	" " "
843 Floor flange	" " "	*863 Corner clamp, top or bottom	" " "
844 Shower or dressing room seat support	" " "	870 Wood partition, end	" " "
845 Brass tubing 1 inch O. D.	" " "	871 Wood partition, center	" " "
846 Brass tubing 1 1/8 inch O. D.	" " "	872 Wood partition, tee	" " "
847 Brass tubing 1 1/4 inch O. D.	" " "	873 Wood partition, corner	" " "

Furnished with bolts and screws as noted under illustration
Always specify thickness of partition and stile.

*Specify hand of fitting and state whether for use at top or bottom of partition. Hand of fitting is determined from position facing the stall.

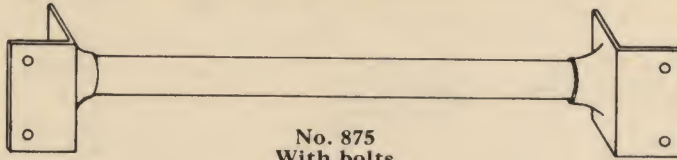
Comparative Numbers for U. S. Government Specifications

U. S. Government Type Stall Fittings	A	B	C	D	E	F	G	H	I	K	L	M	N	S
Chicago Spring Hinge Co. Nos.	843	852	853	831	855	832	862	863	830	856	838	842	835	844
U. S. Government Type Spring Hinges—Fig. J or No. 2360						No. 2362	No. 2363							No. 2364
Chicago Spring Hinge Co. Nos.						2242A-Rev.	2842 Rev.	2642 Rev.						F2222 Rev.
U. S. Government Type Door Bolts and Stops				Fig. P	C1051	B1051 with keeper only		A1051				Fig. O		
Chicago Spring Hinge Co. Nos.				1260	1256K		1252K		1260 X	1247C		1247C		

TRADE **CHICAGO** MADE

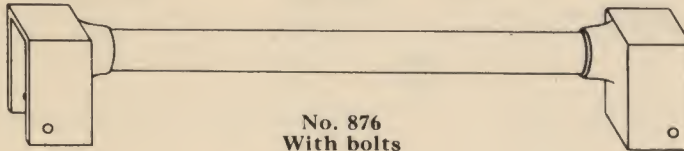
Shower Curtain Rods

Polished Brass Metal, Nickel Plated



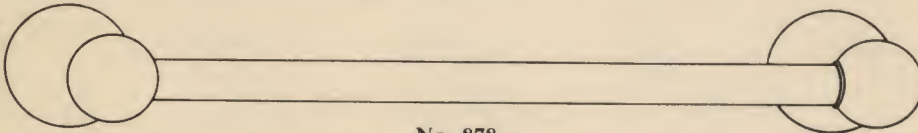
No. 875
With bolts

Type 875 curtain rod has an "L" angle attachment which permits use with any thickness of partition. Specify thickness of partition, so correct length of bolt will be furnished. Also specify width of opening.



No. 876
With bolts

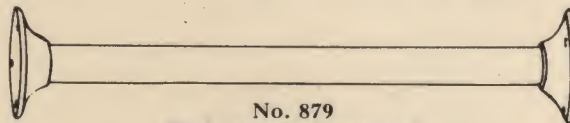
Type 876 with clamp flange provides for attachment to corner of partition, giving very rigid construction and maximum of head room. Specify width of opening, also thickness of partition.



No. 878
Single bolt from center
of each post with nut
and washer

Type 878 curtain rod is usually attached by a single bolt from the center of each post passing through the partition, with nut and washer on end. When obstruction necessitates, these rods can be supplied to be applied with screws and screw anchors. Rods will be furnished with distance between posts 6 inches longer than width of opening.

Specify thickness of partition and method of attaching desired, also width of opening.



No. 879
With wood screws and
screw anchors

Type 879 is equipped with wall flange, wood screws and screw anchors unless otherwise specified. Specify width of opening.

All curtain rods, unless otherwise specified, are for 2-foot openings.

The shower curtain rods illustrated above represent the designs in most common use. Rods with other partition attachments can be furnished on special order. Unless otherwise specified 1 1/8 inch O. D. 18 B & S gauge tubing will be supplied. Connections between rod and fittings are "slip fit" with set screw, which permits cutting rod when necessary on the job.

Shower Curtains

All curtains are made to order as specified. It is customary to allow approximately 12 inches in width for overlap and 3 inches in length for shrinkage. When ordering state clearly size of curtain desired.

Furnished complete with Brass, Nickel Plated curtain hooks. Also supplied to special order with White Bronze or Chromium Plated curtain hooks at increased cost.

No. 890	Eight ounce White Duck	See price sheet
No. 891	Nine ounce White Duck	" " "
No. 892	Twelve ounce White Duck	" " "

TRADE **CHICAGO** MARK

